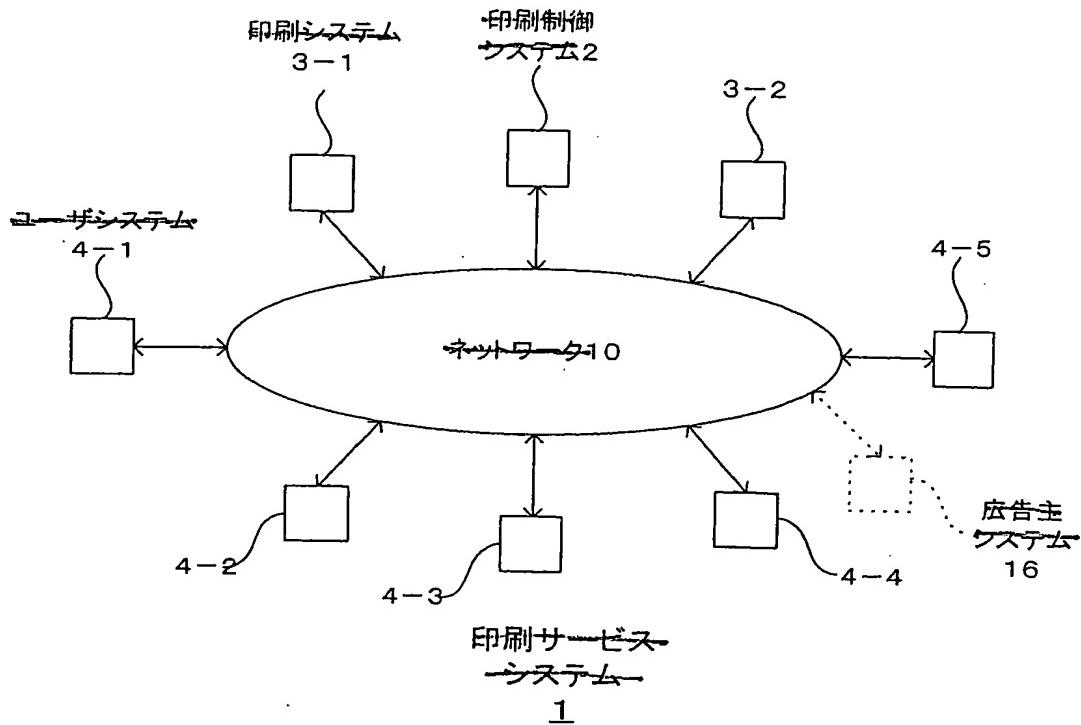


【書類名】 図面一

【図1】

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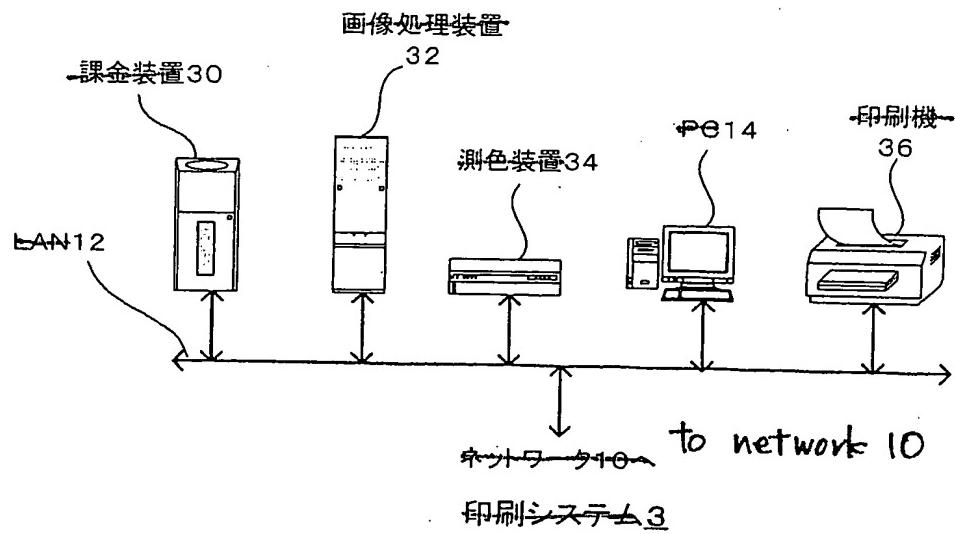
Fig. 1



【図2】

Fig. 2

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【図3】 Fig. 3

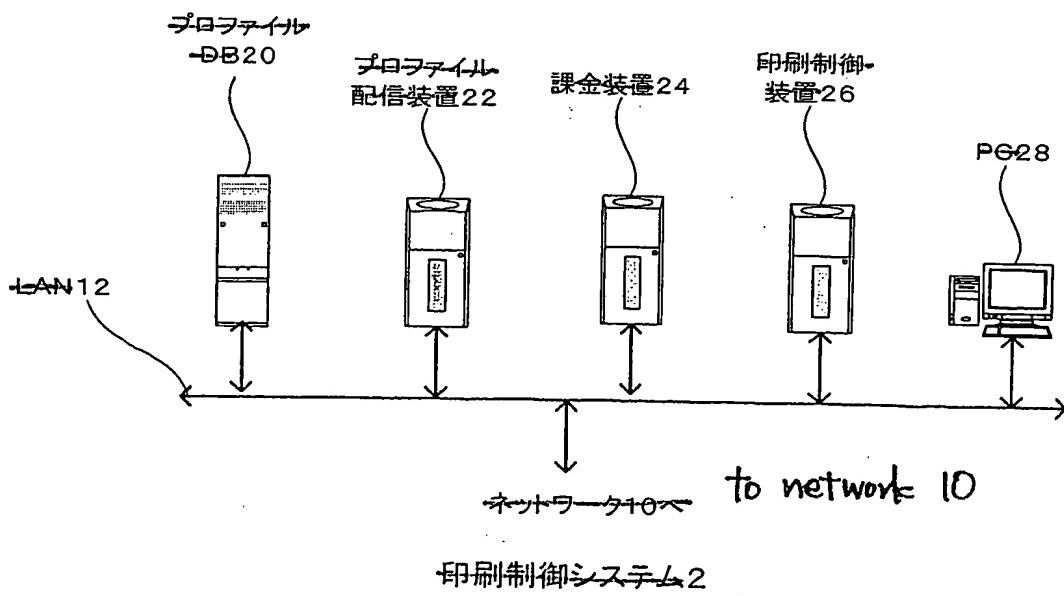


Fig. 4

図4-1

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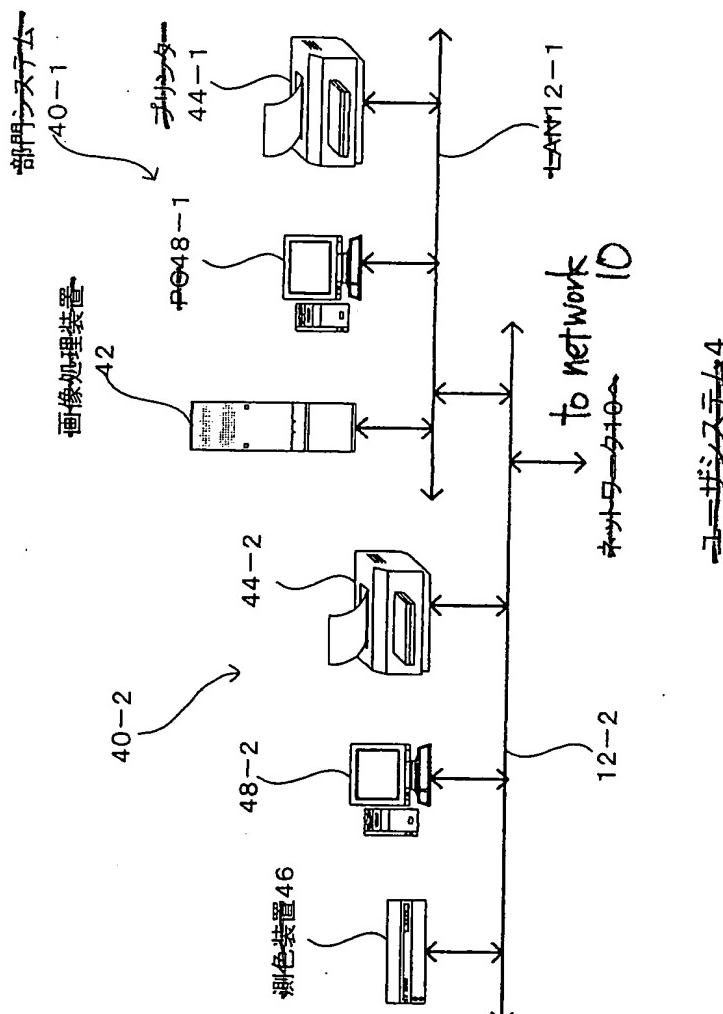
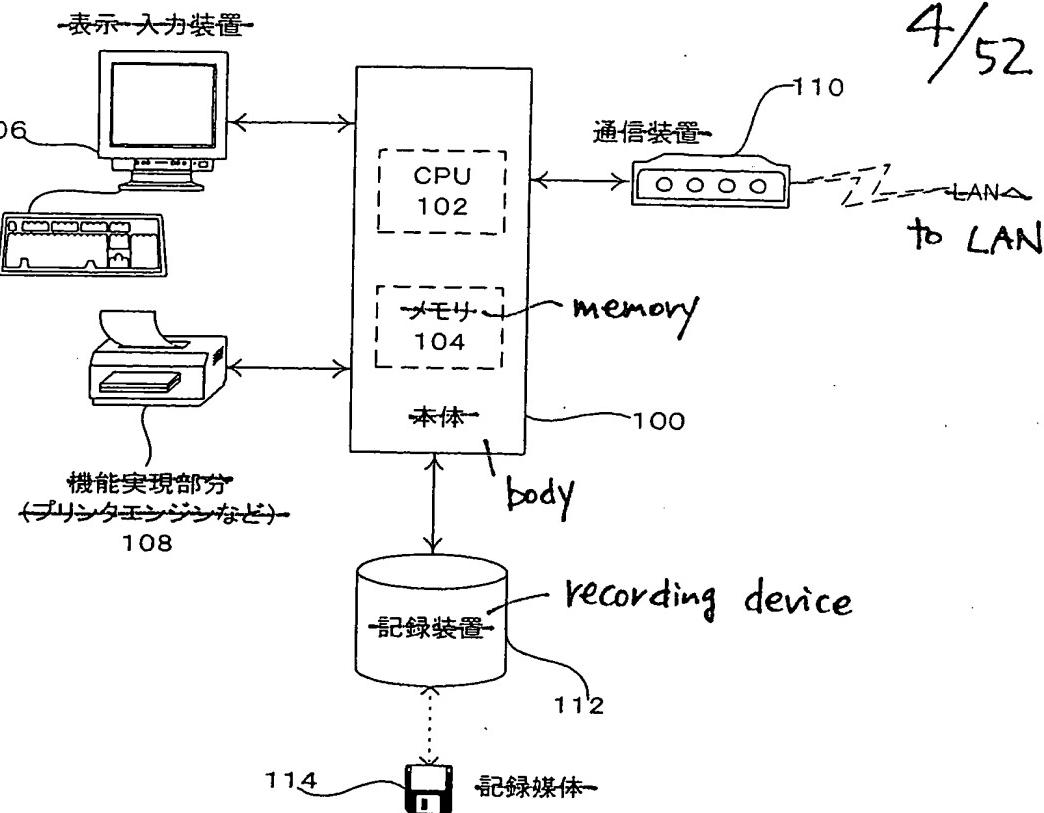


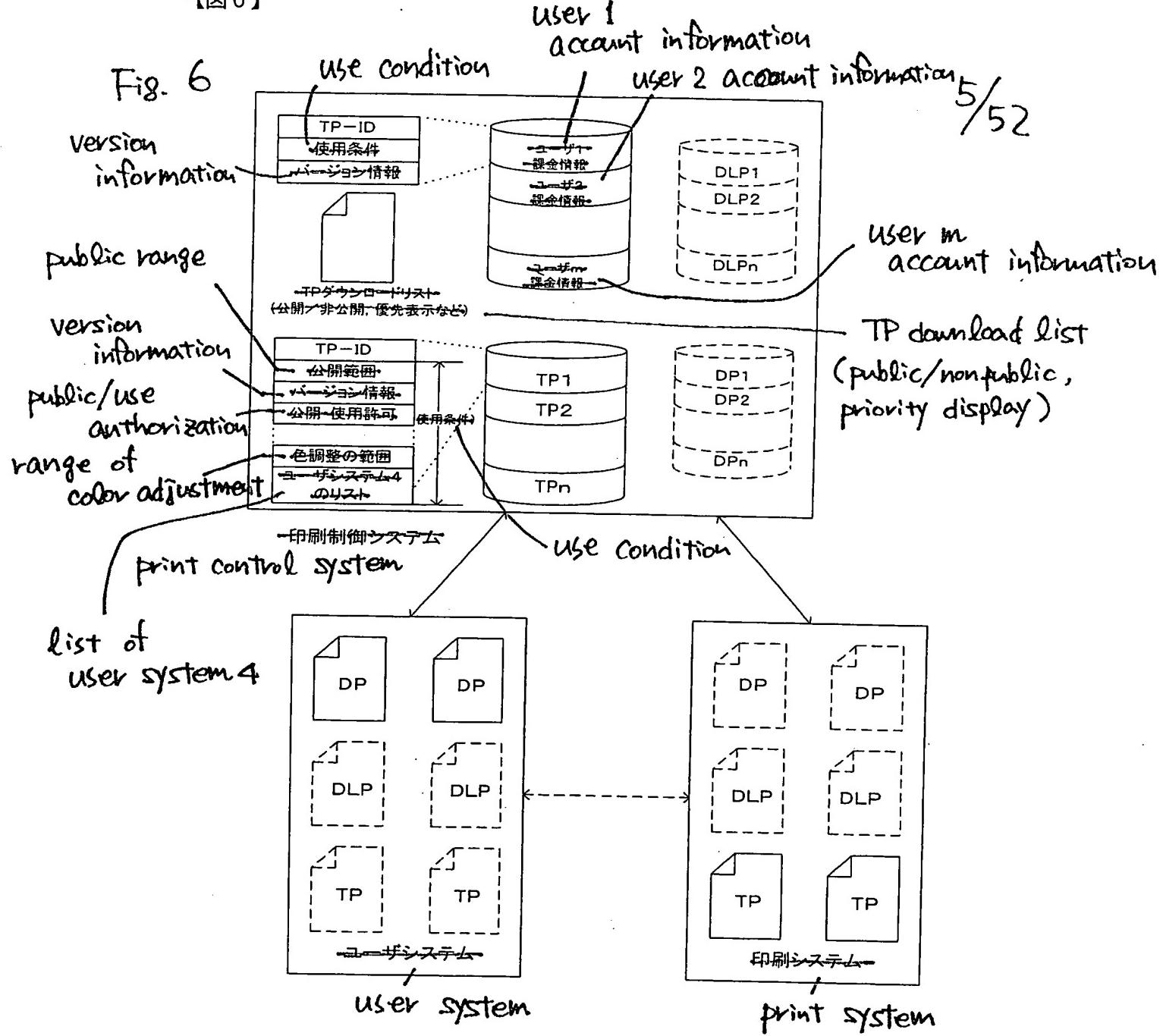
Fig. 5

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→ PG-14, 28, 48, プロファイルDB20,  
 プロファイル配信装置22, 課金装置24, 30,  
 印刷制御装置26, 画像処理装置32, 42,  
 測色装置34, 46, 印刷機36, プリント44

[図6]

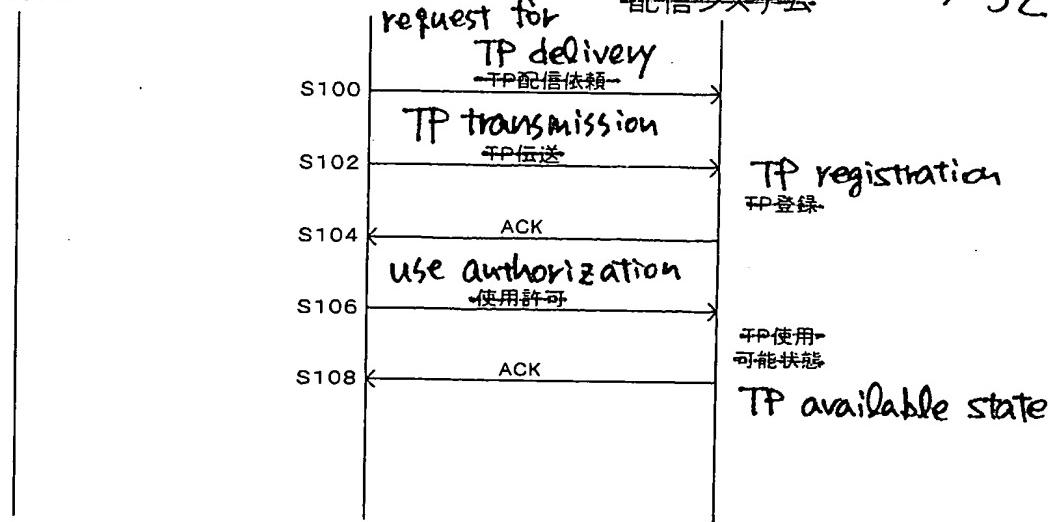


【図7】

Fig. 7

user system  
ユーザ  
システムprint system  
印刷  
システム  
profile delivery system  
プロファイル  
配信システム

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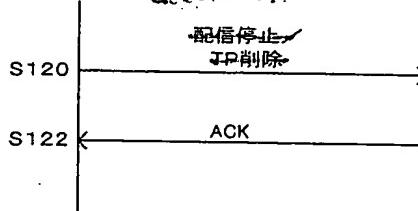


TP配信開始(S10)

TP delivery start

【図8】

Fig. 8

user system  
ユーザ  
システムprint system  
印刷  
システム  
profile delivery system  
プロファイル  
配信システムdelivery stop/  
delete TP  
配信停止/  
TP削除  
配信システムstop TP delivery/  
delete  
TP配信停止  
削除

TP配信停止(S12)

TP delivery stop

【図9】

Fig.9

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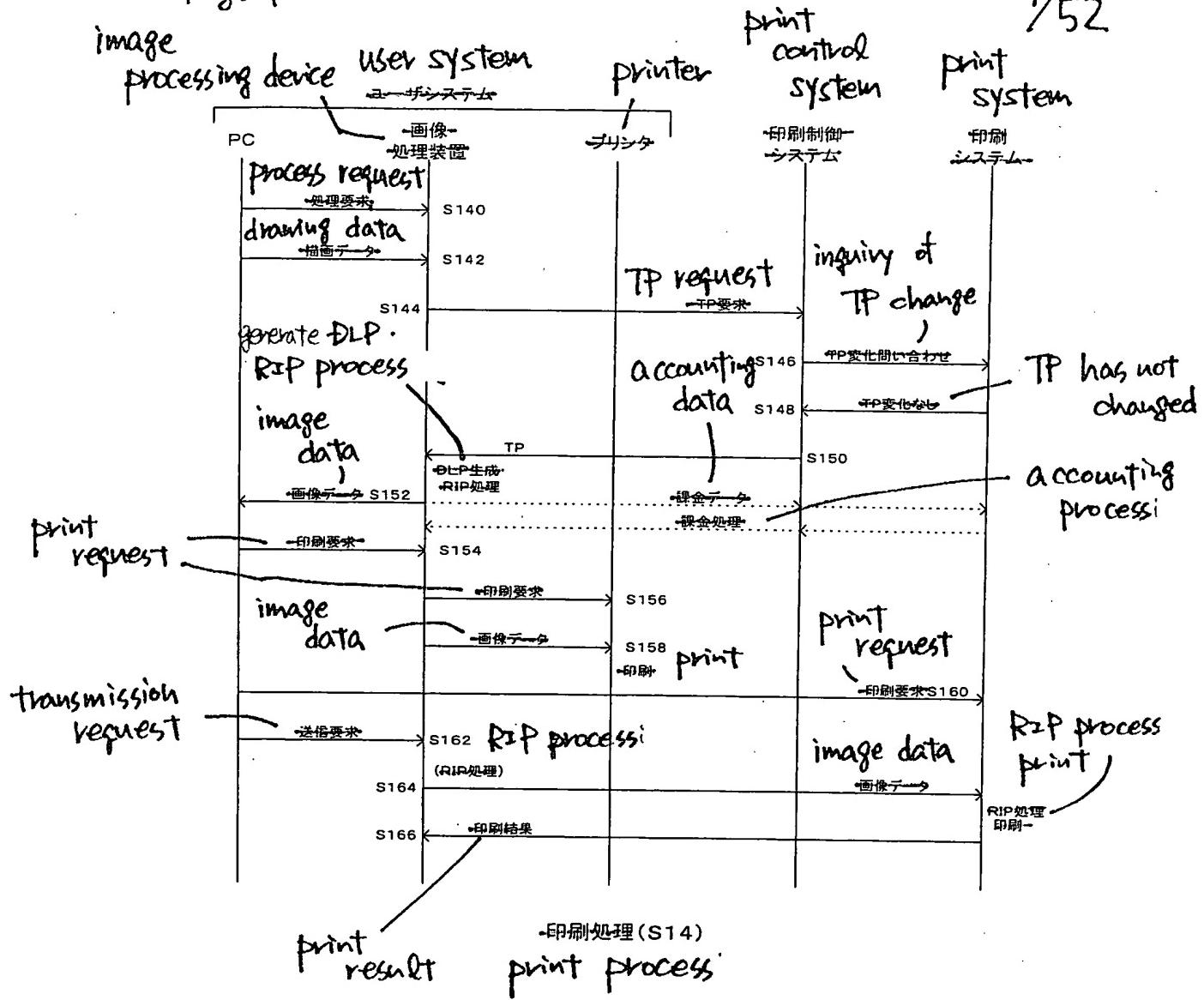


Fig. 10

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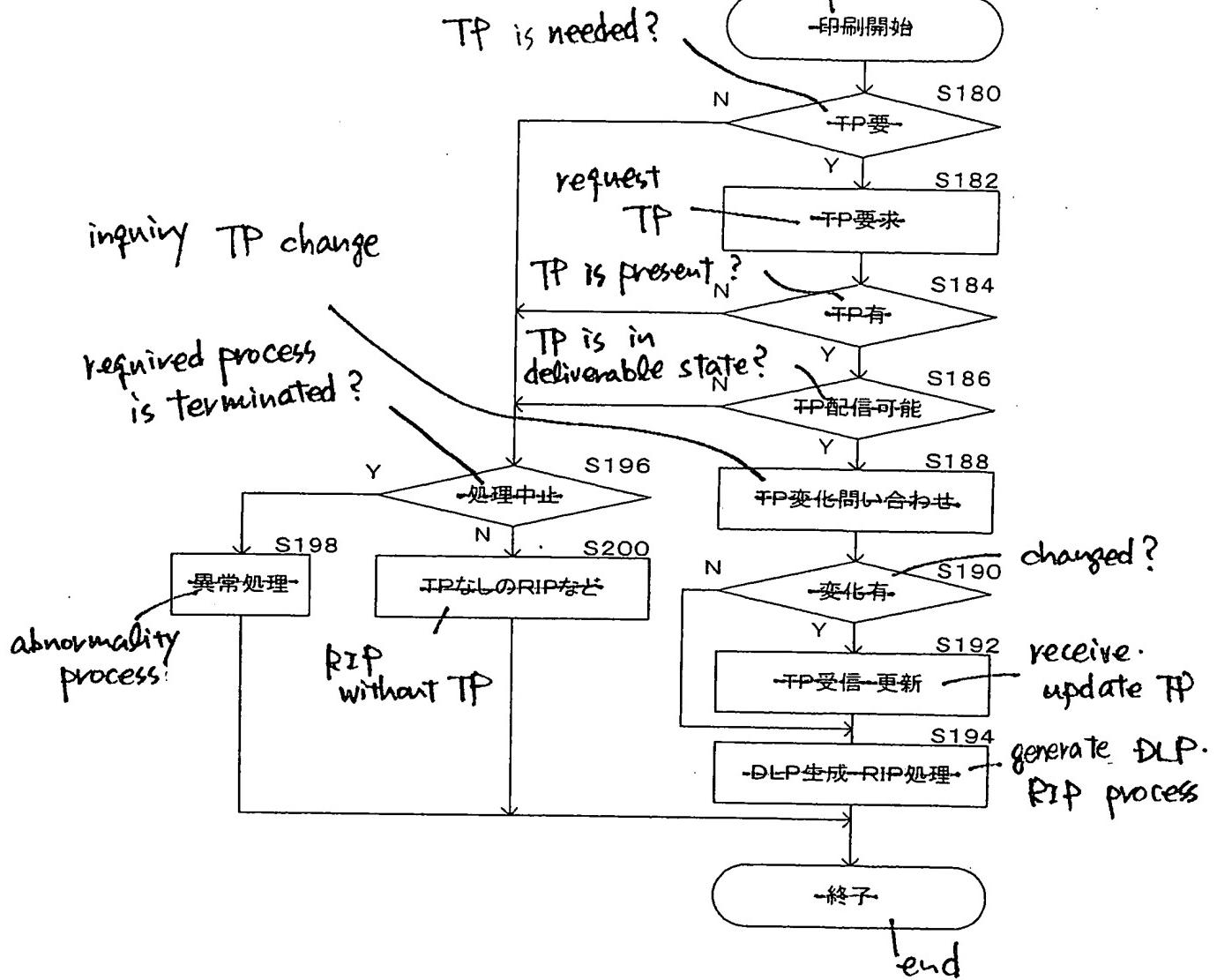
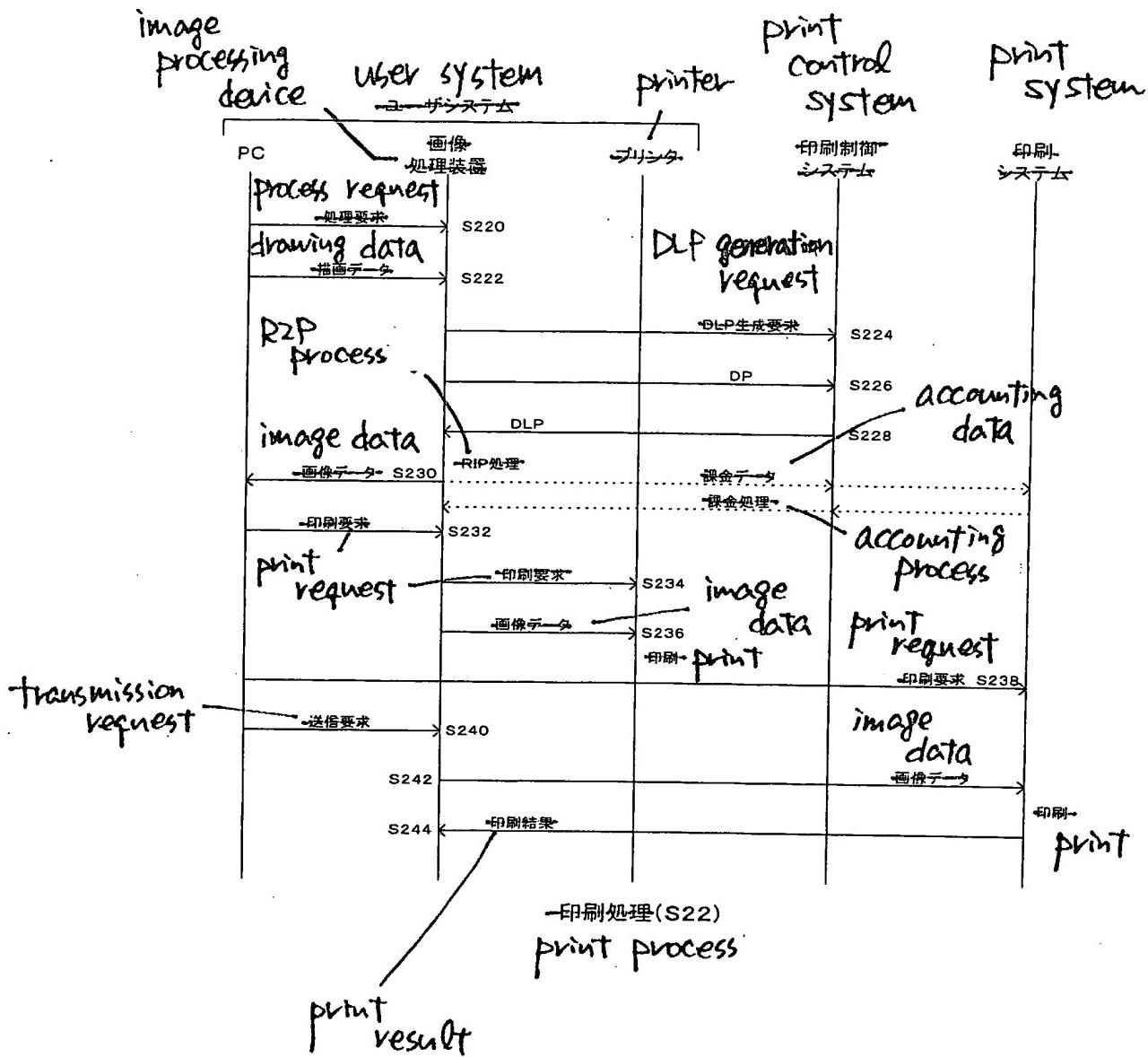
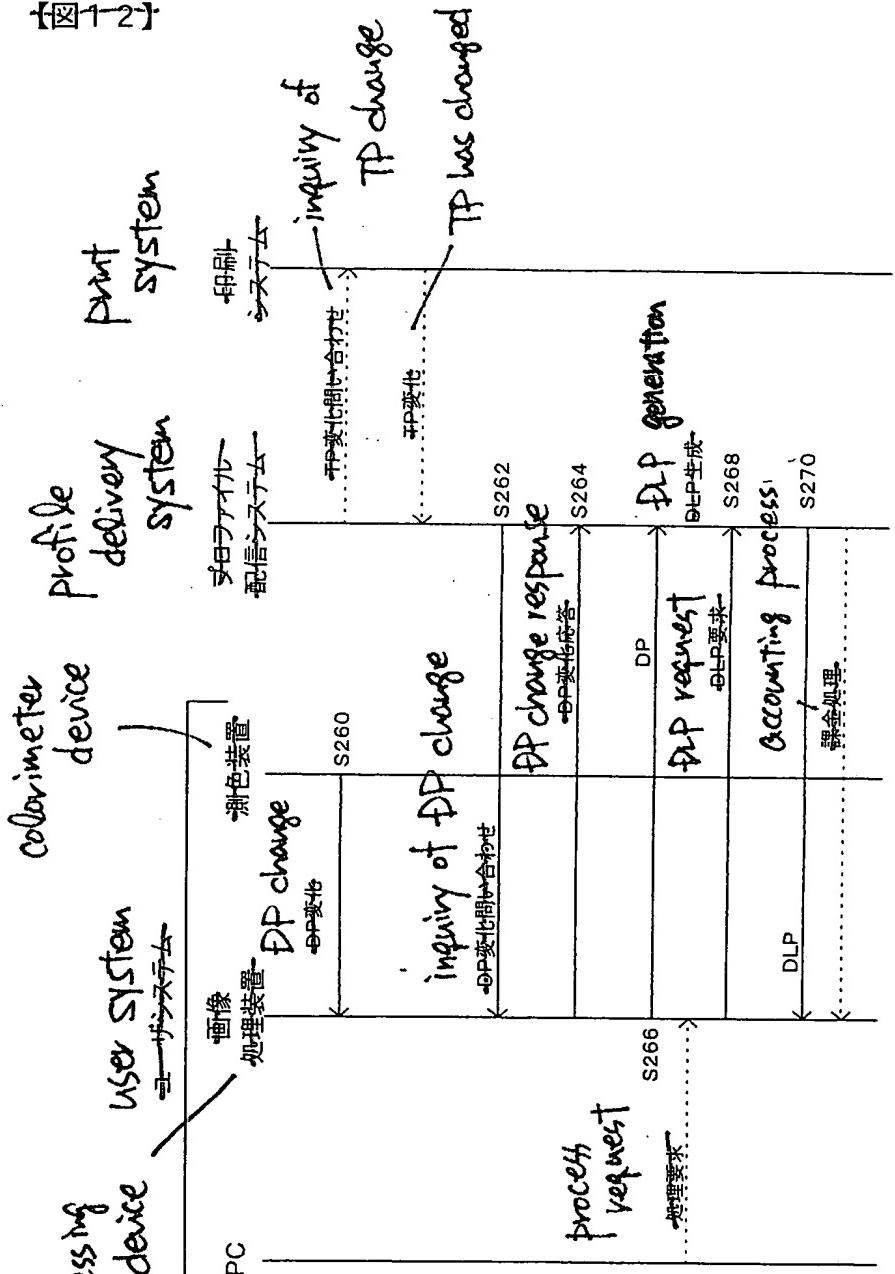
S18

Fig. 11

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二  
八



DLR自動生成処理(S26)

DLP automatic generation process

Fig. 13

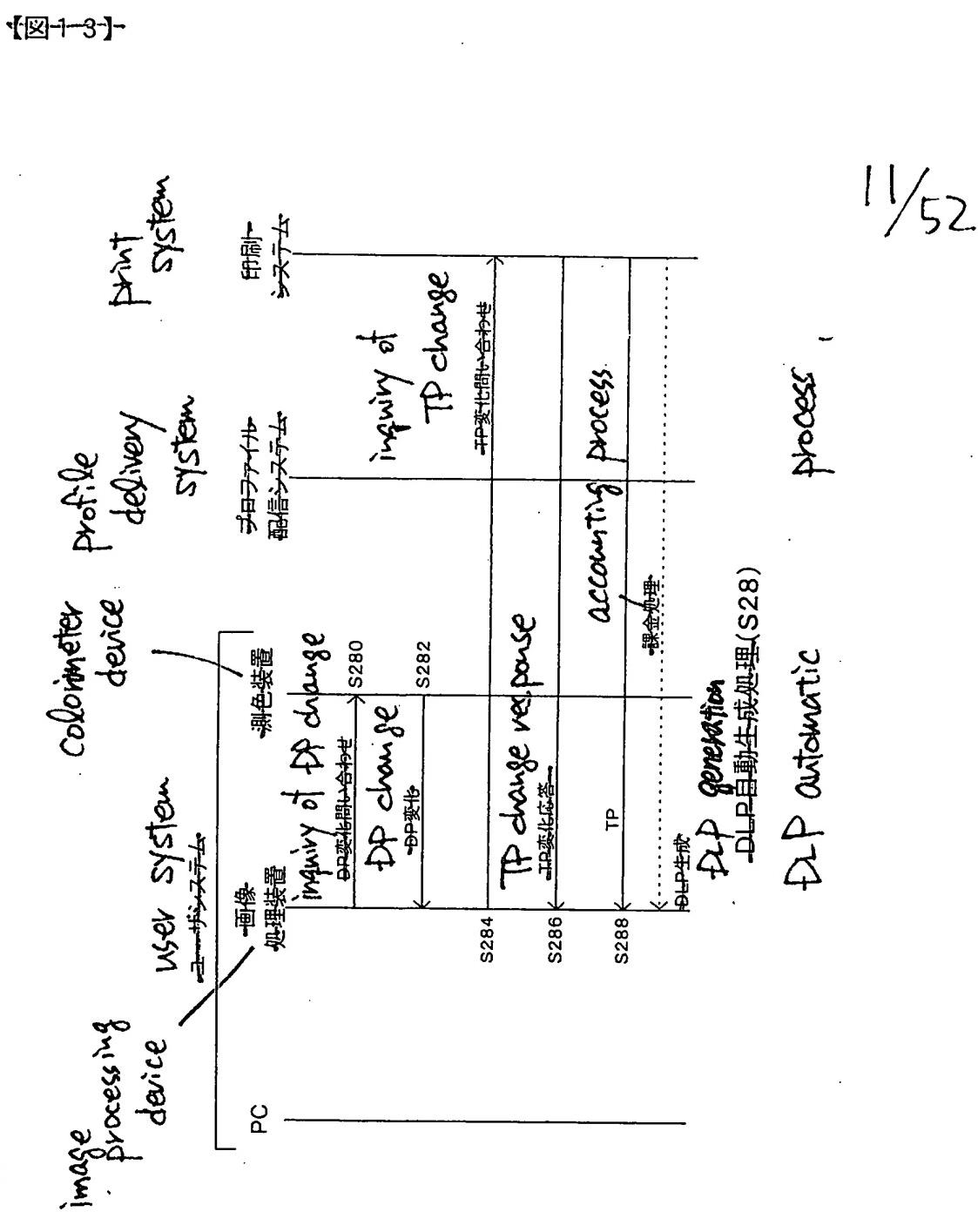
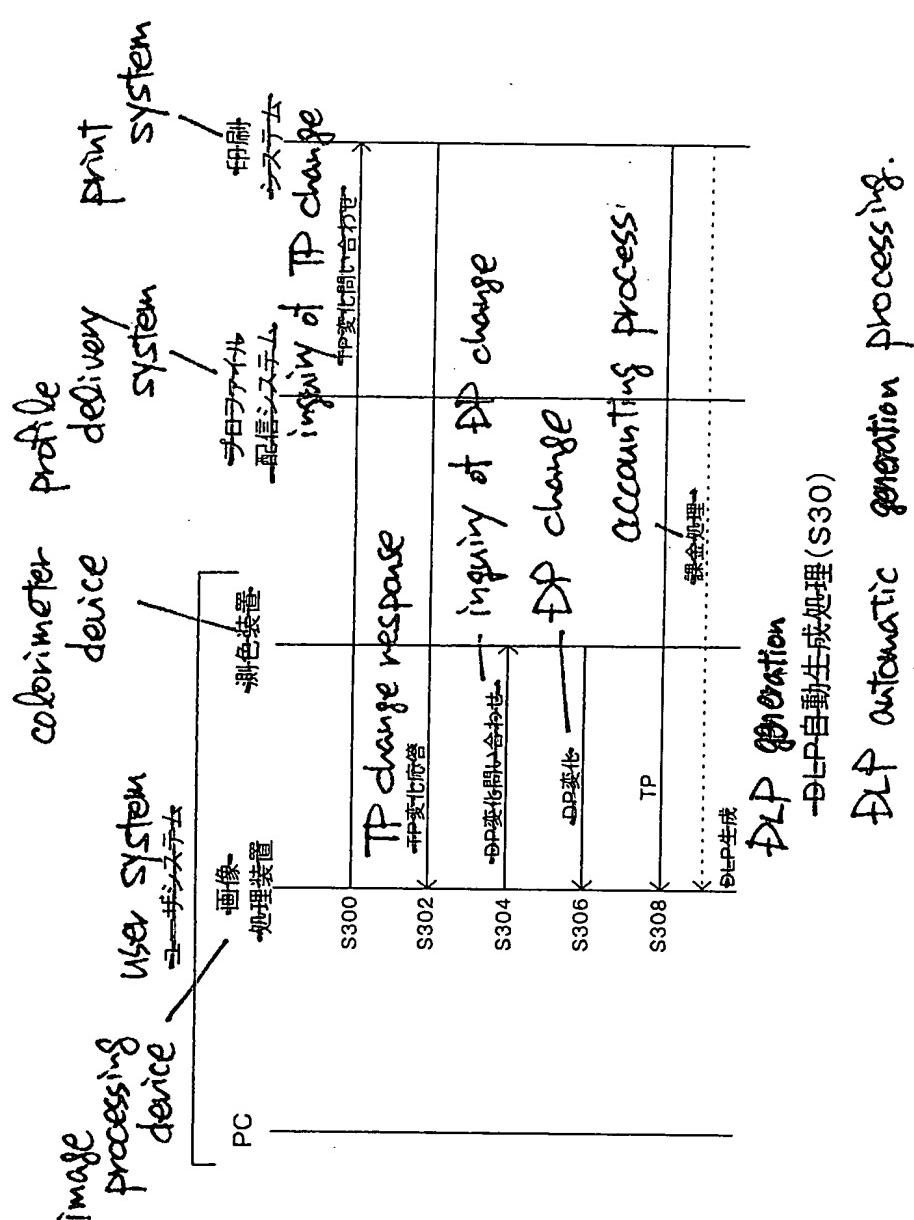


Fig. 14

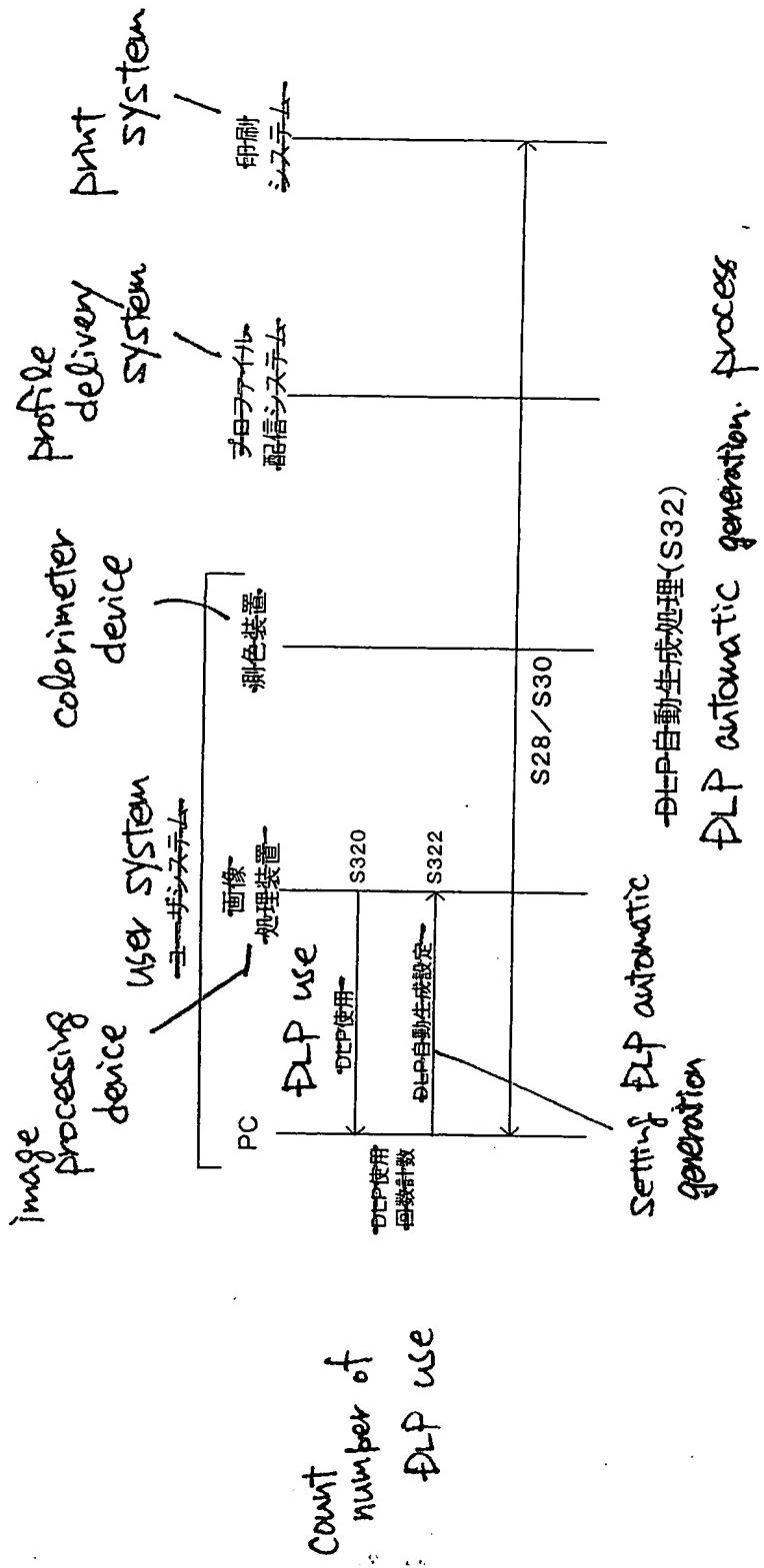
-[図-1-4-]-



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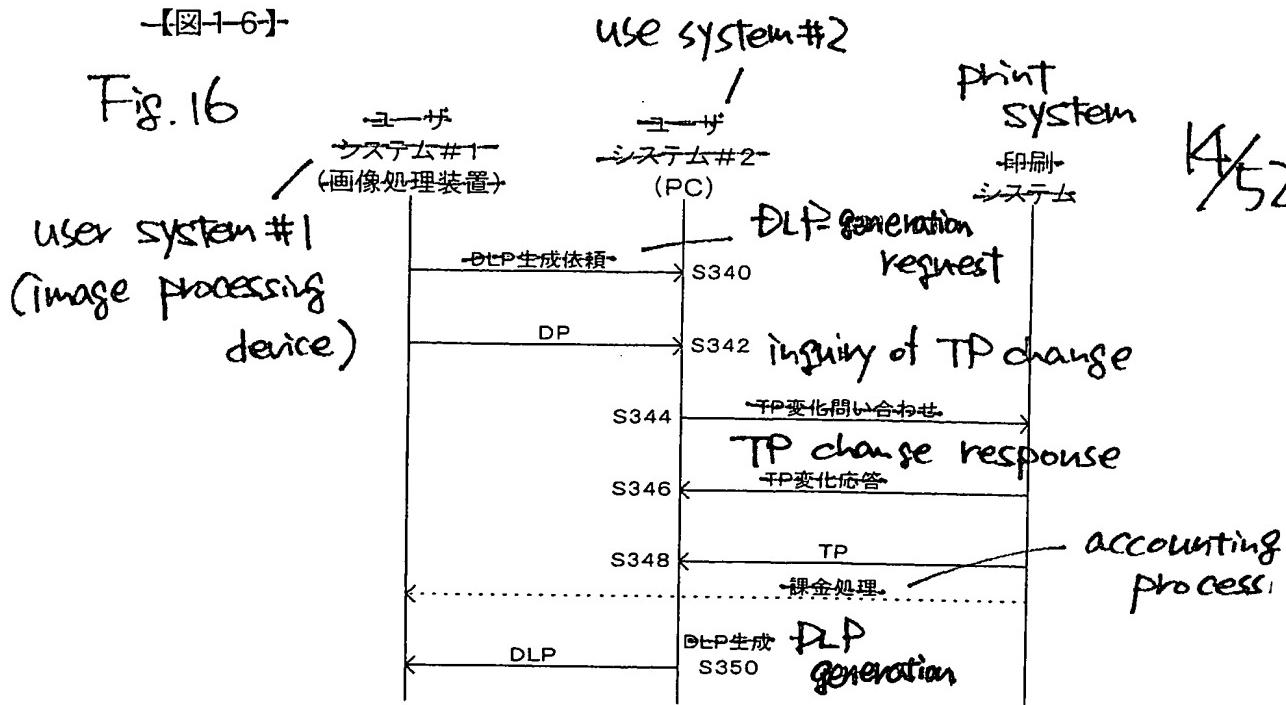
【図-1-5】

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【図1-6】

Fig. 16



DLP 生成依頼処理(S34)

DLP generation request process

Fig. 17

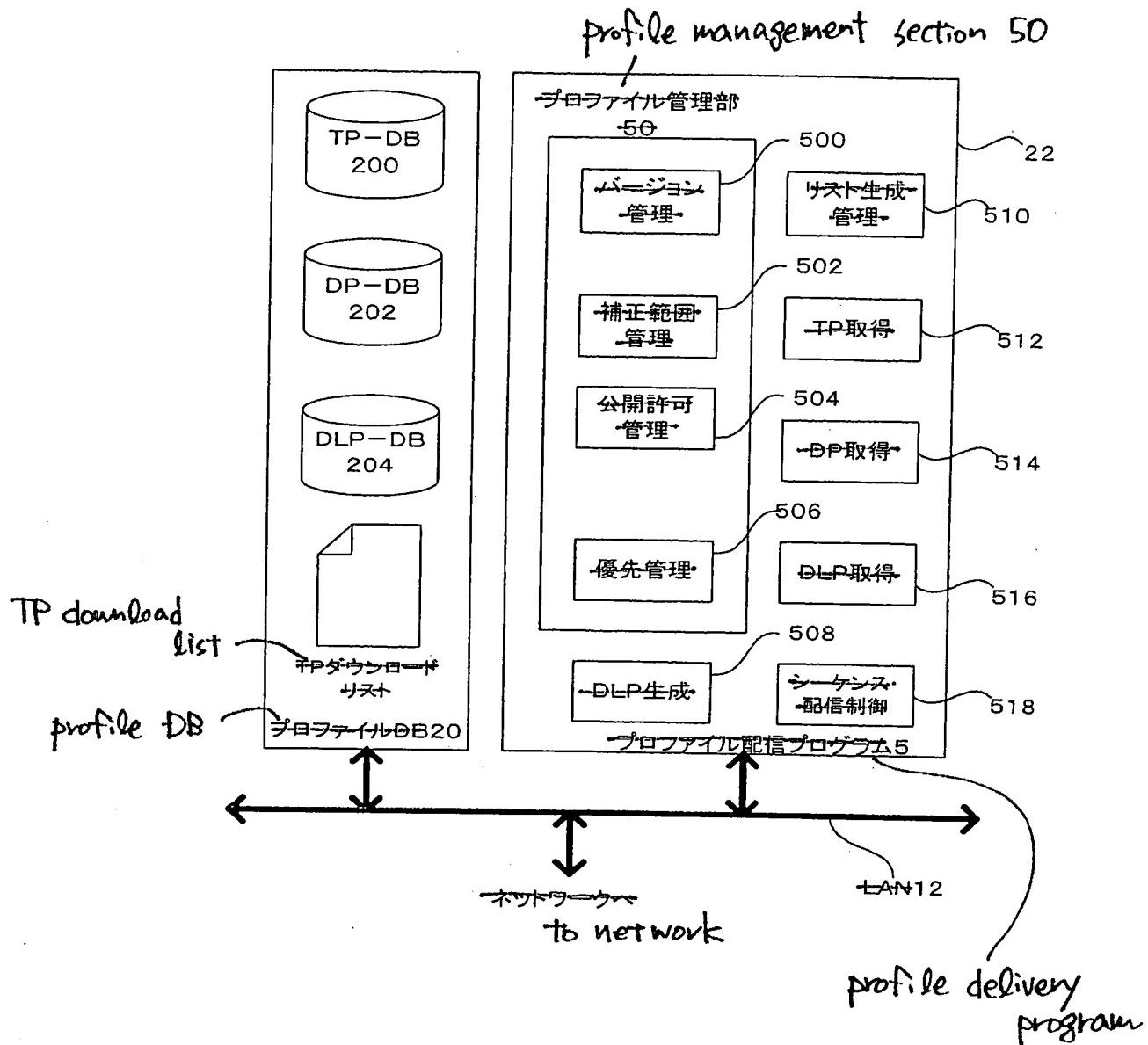


Fig. 17

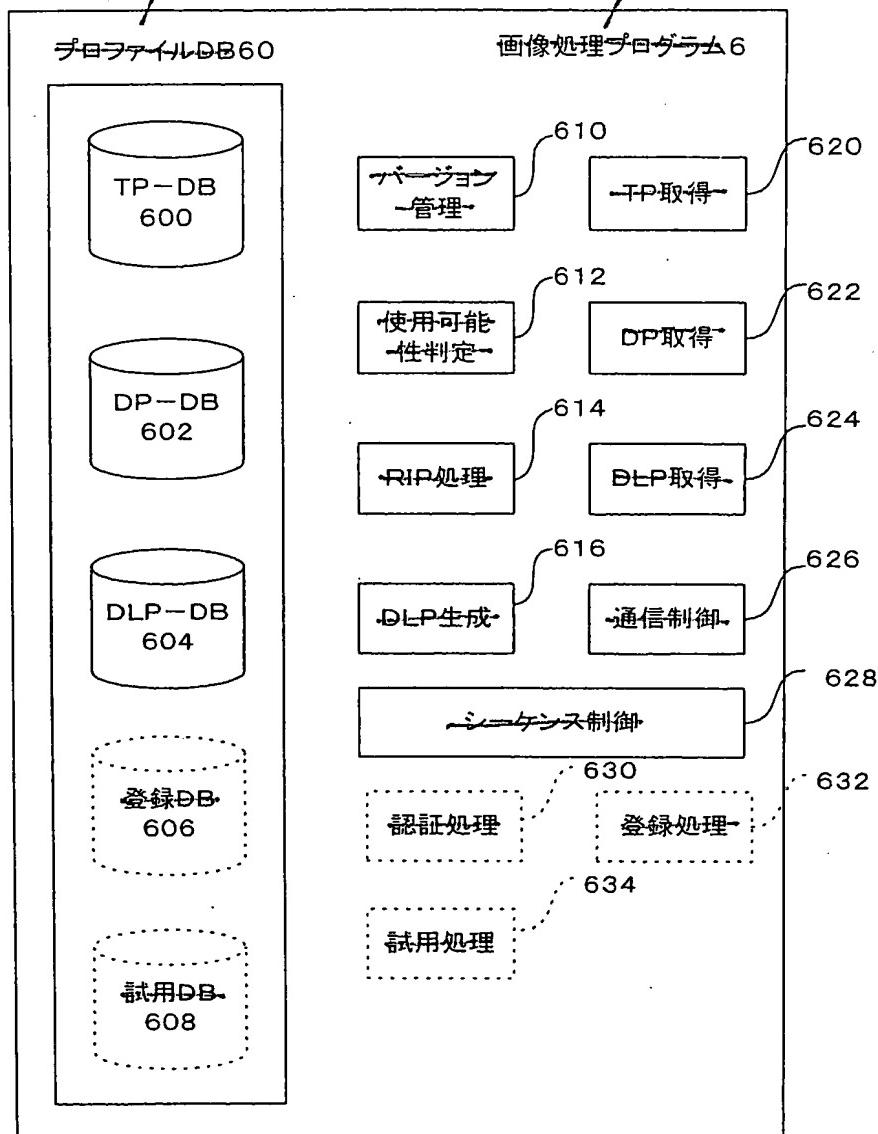
500 VERSION MANAGEMENT SECTION  
502 CORRECTION RANGE MANAGEMENT SECTION  
504 PUBLIC AUTHORIZATION MANAGEMENT SECTION  
506 PRIORITY MANAGEMENT SECTION  
508 DLP GENERATION SECTION  
510 LIST GENERATION MANAGEMENT SECTION  
512 TP ACQUISITION SECTION  
514 DP ACQUISITION SECTION  
516 DLP ACQUISITION SECTION  
518 SEQUENCE/COMMUNICATION CONTROL SECTION

【図1-8】

Fig. 18 profile DB

image processing program

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1 画像処理装置42(32)

image processing device

Fig. 18

606 REGISTRATION DB  
608 TRIAL DB  
610 VERSION MANAGEMENT SECTION  
612 AVAILABILITY DECISION SECTION  
614 RIP PROCESS SECTION  
616 DLP GENERATION SECTION  
620 TP ACQUISITION SECTION  
622 DP ACQUISITION SECTION  
624 DLP ACQUISITION SECTION  
626 COMMUNICATION CONTROL SECTION  
628 SEQUENCE CONTROL SECTION  
630 AUTHENTICATION PROCESS SECTION  
632 REGISTRATION PROCESS SECTION  
634 TRIAL CONTROL SECTION

Fig. 19

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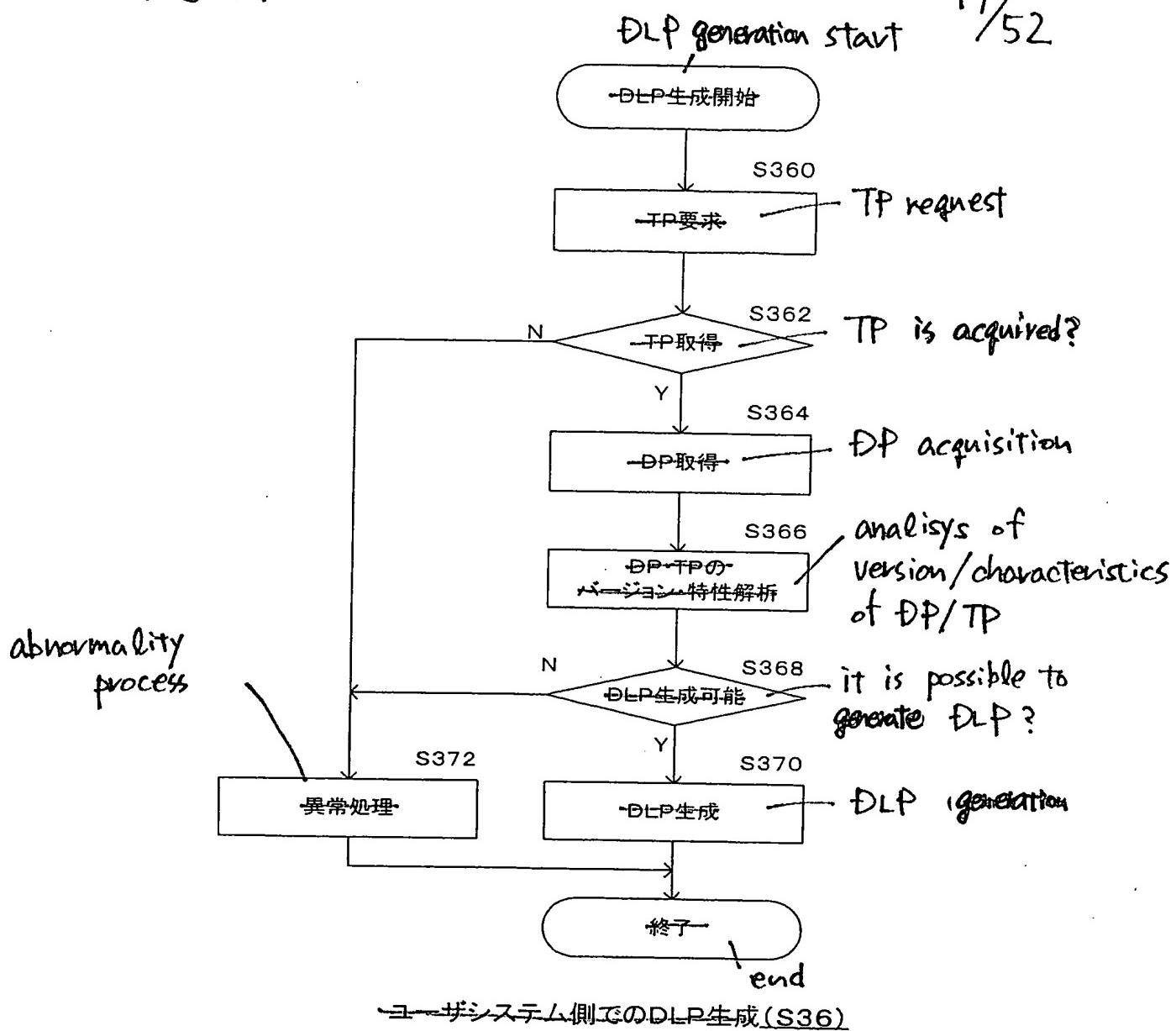


Fig. 20

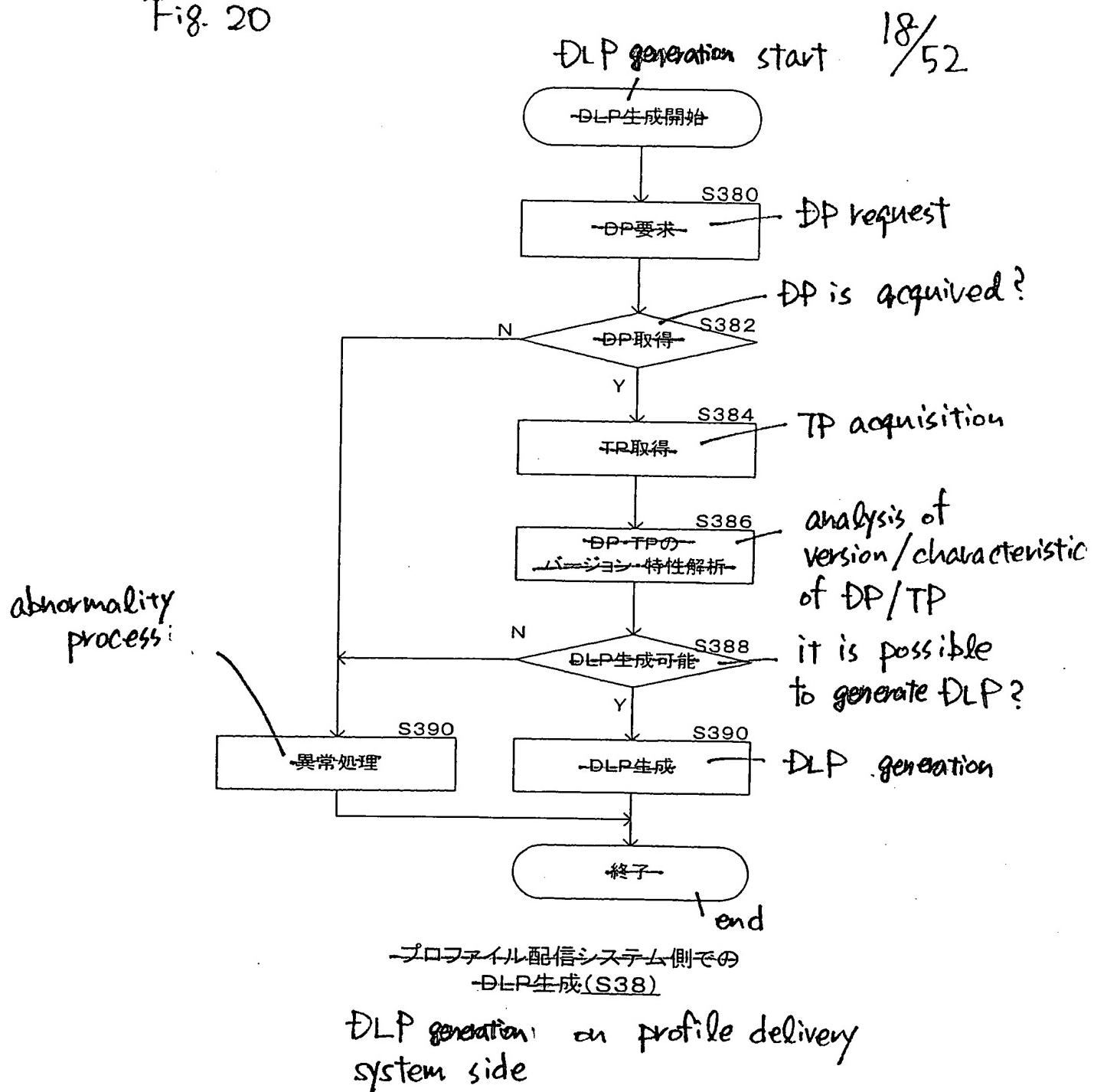
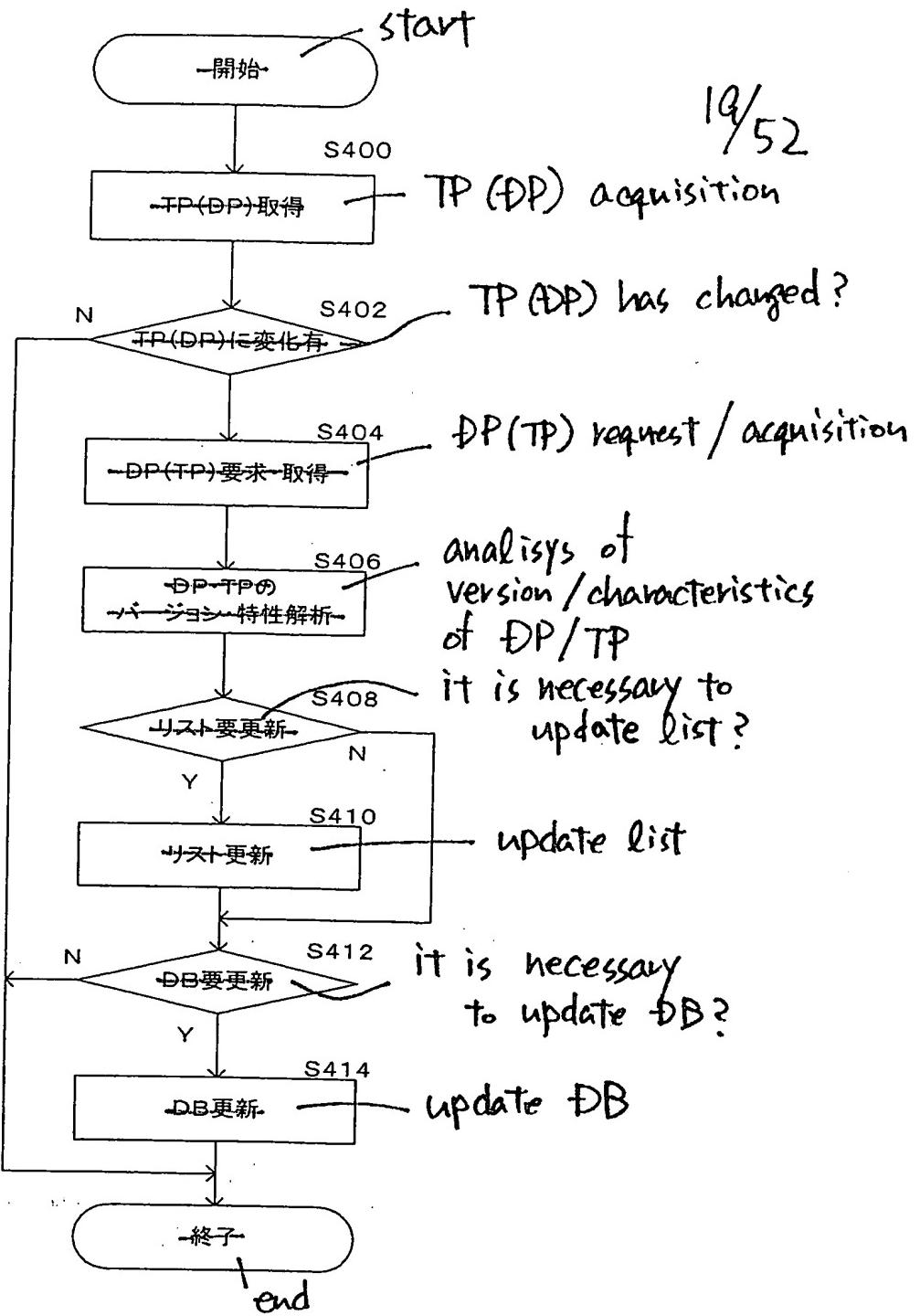


Fig.21

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プロファイル配信システム側  
リスト・DB更新(S40)

list / DB update  
on profile delivery system side

【図2-2】

Fig. 22

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機械番号	①
顧客コード	②
ネットワーク設定	③
画像処理装置などの公開／非公開	④
印刷オプション初期設定	⑤
プロファイル登録用プリファイスクス	⑥
分散RIP可／不可	⑦
登録データ	registration data

Fig. 22

- ① MACHINE NUMBER
- ② CUSTOMER CODE
- ③ NETWORK SETTING
- ④ PUBLIC/PRIVATE OF IMAGE PROCESSING DEVICE
- ⑤ INITIAL SETTING OF PRINT OPTION
- ⑥ PROFILE REGISTERING PREFIX
- ⑦ DECENTRALIZED RIP POSSIBLE/IMPOSSIBLE

Fig. 23

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①	依頼元
②	用紙サイズ
③	カラー／白黒
④	印刷部数
⑤	原稿タイプ
⑥	画質モード
⑦	プリントモード
⑧	色変換モード
⑨	片面／両面
⑩	拡大／等倍／縮小
⑪	卜アップ指定
⑫	排出先指定
⑬	スプールオプション
⑭	RIP済データ保存
⑮	差し込み印刷
⑯	色変換(プロファイル)指定
⑰	カバーページ
⑱	用紙種類
⑲	その他(時刻指定など)

印刷オプション  
print option

Fig. 23

- ① REQUESTER
- ② PAPER SIZE
- ③ COLOR/BLACK-AND-WHITE
- ④ PRINTED NUMBER
- ⑤ DOCUMENT TYPE
- ⑥ PICTURE QUALITY MODE
- ⑦ PRINTER MODE
- ⑧ COLOR CONVERSION MODE
- ⑨ SINGLE/DOMBLE SIDES
- ⑩ MAGNIFY/EQUAL/REDUCE
- ⑪ N-UP DESIGNATION
- ⑫ DESTINATION OF DISCHARGE
- ⑬ SPOOL OPTION
- ⑭ RIP PROCESSED DATA STORAGE
- ⑮ MERGING PRINT
- ⑯ COLOR CHANGE (PROFILE) DESIGNATION
- ⑰ COVER PAGE
- ⑱ PAPER KIND
- ⑲ OTHERS (TIME DESIGNATION)

【図2-4】

Fig. 24

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Fig. 24

- ① REQUESTER
- ② RIP STATUS
- ③ COLOR/BLACK-AND-WHITE
- ④ PICTURE QUALITY MODE
- ⑤ PRINTER MODE
- ⑥ PAPER SIZE
- ⑦ NUMBER OF PRINTS TO BE PROCESSED
- ⑧ RIP PAGE
- ⑨ RIP TIME
- ⑩ START TIME
- ⑪ FILE SIZE
- ⑫ PRESENCE/ABSENCE OF COVER PAGE
- ⑬ PRESENCE/ABSENCE OF RIP-PROCESSED DATA
- ⑭ COLOR CONVERSION (PROFILE) DESIGNATION
- ⑮ DECENTRALIZED RIP

-[図2-5]-

Fig. 25

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処理種別(RIP／印刷)	①
課金先(依頼元)	②
カラード／白黒	③
用紙サイズ	④
処理部数	⑤
ページ数	⑥
カバーページ有／無	⑦
用紙種類	⑧
片面／両面	⑨
分散RIP	⑩

印刷データ

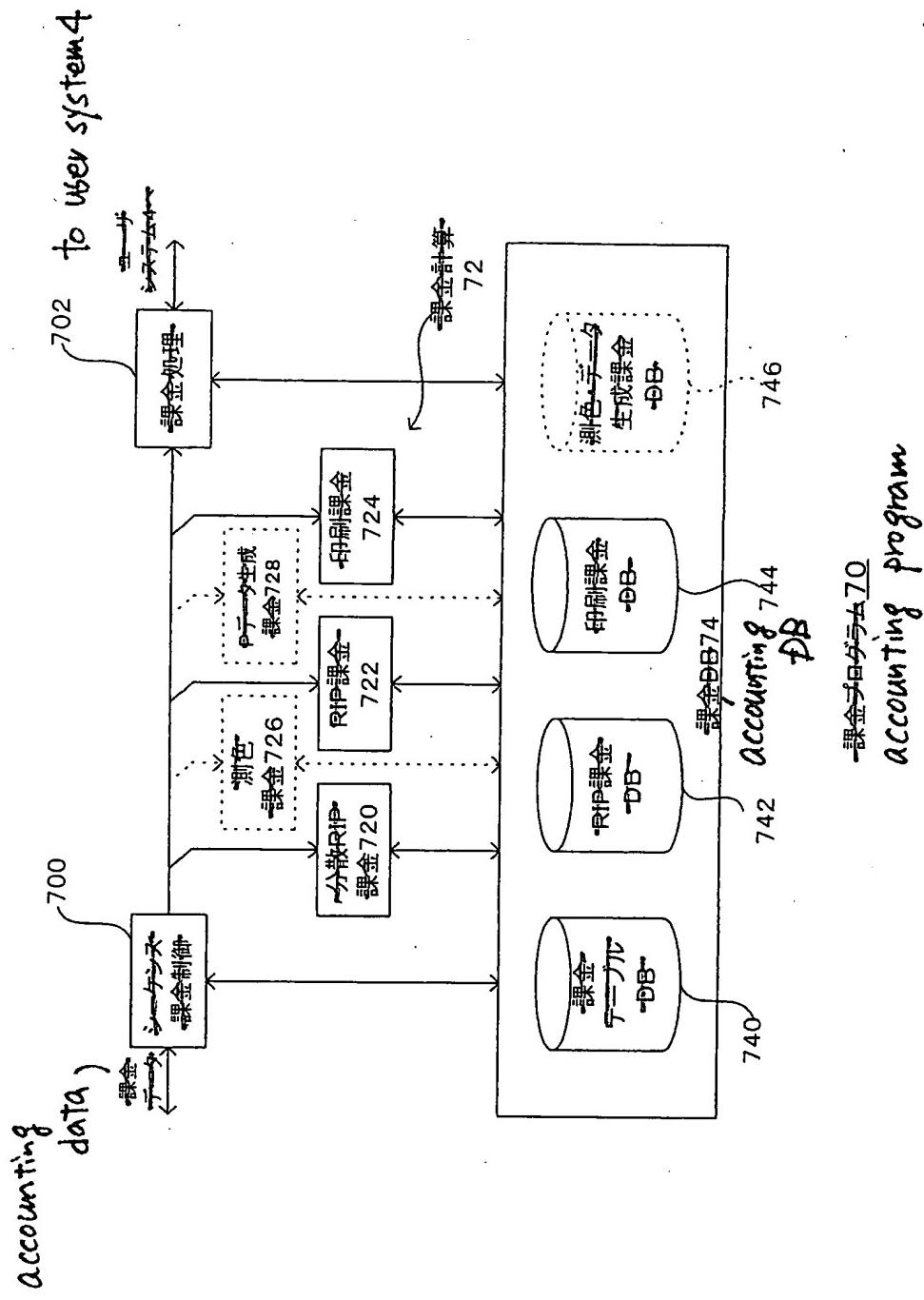
print data

Fig. 25

- ① PROCESSING KIND (RIP/PRINT)
- ② ACCOUNTING TARGET (REQUESTER)
- ③ COLOR/WHITE-AND-BLACK
- ④ PAPER SIZE
- ⑤ NUMBER OF PRINTS TO BE PROCESSED
- ⑥ PAGE NUMBER
- ⑦ PRESENCE/ABSENCE OF COVER PAGE
- ⑧ PAPER KIND
- ⑨ SINGLE/DOMBLE SIDES
- ⑩ DECENTRALIZED RIP

【図2-6】

Fig. 26



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Fig. 26

700 SEQUENCE/ACCOUNTING CONTROL SECTION  
702 ACCOUNTING PROCESS SECTION  
720 DECENTRALIZED RIP ACCOUNTING SECTION  
722 RIP ACCOUNTING SECTION  
724 PRINT ACCOUNTING SECTION  
726 COLORIMETRY ACCOUNTING SECTION  
728 P-DATA GENERATION ACCOUNTING SECTION  
740 ACCOUNTING TABLE DB  
742 RIP ACCOUNTING DB  
744 PRINT ACCOUNTING DB  
746 COLORIMETRY/DATA GENERATION ACCOUNTING DB

-[図2-7]-

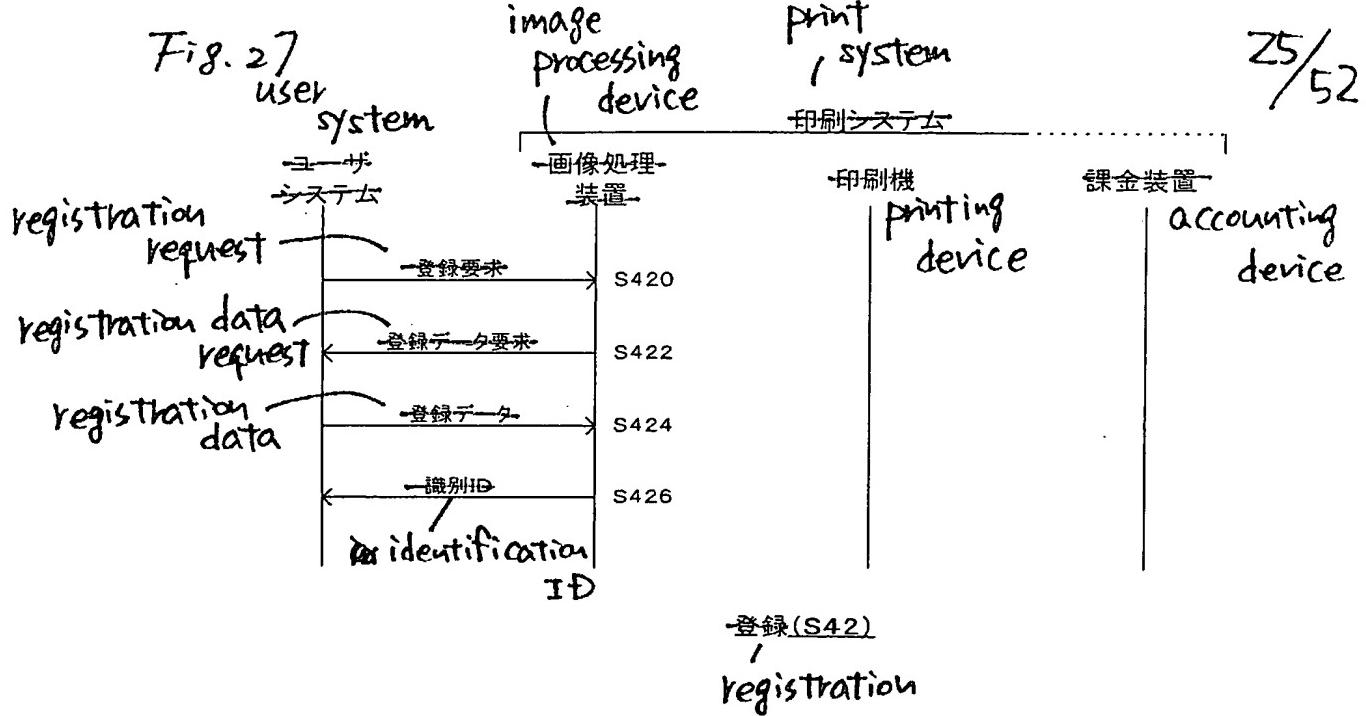


Fig. 28

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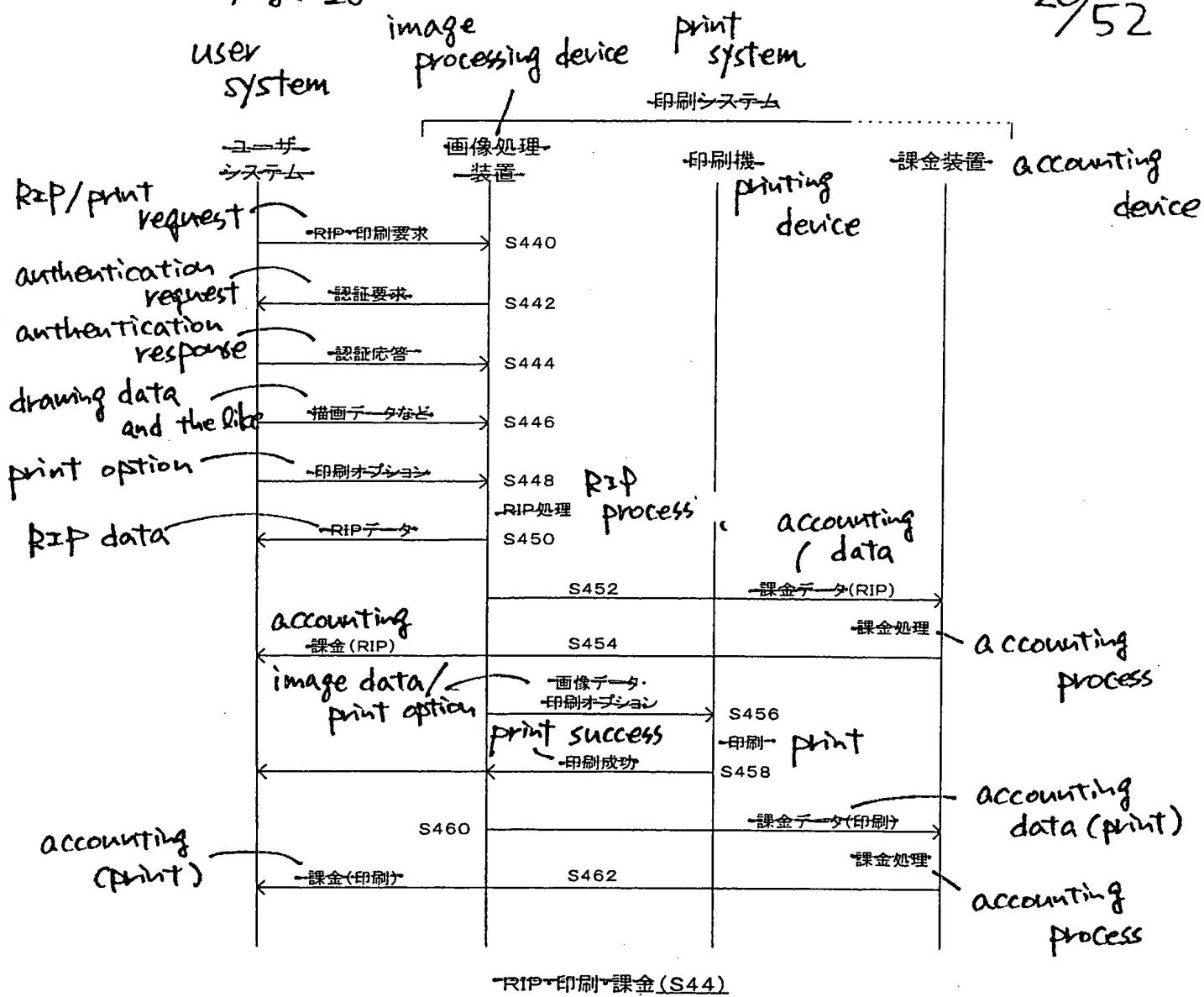
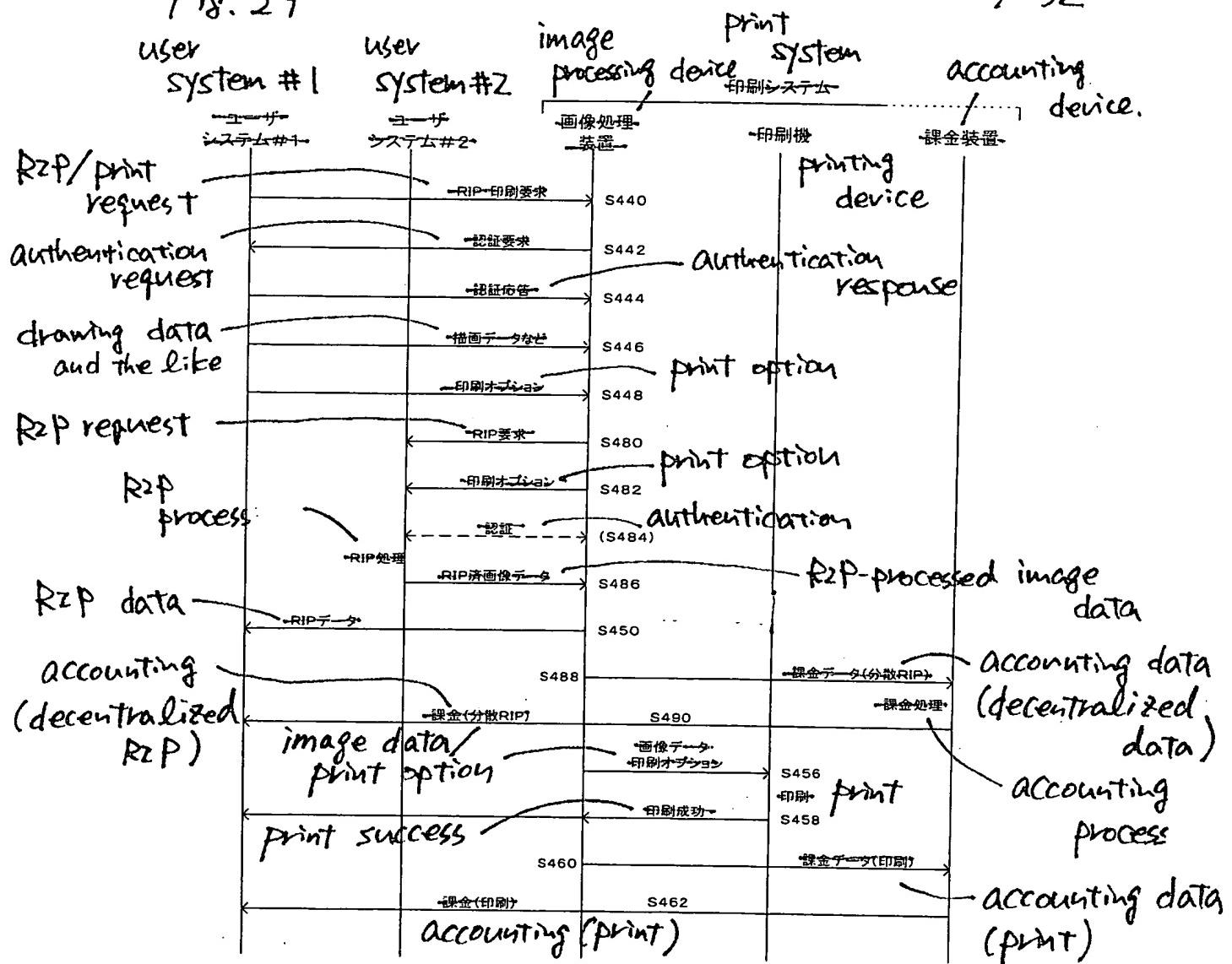


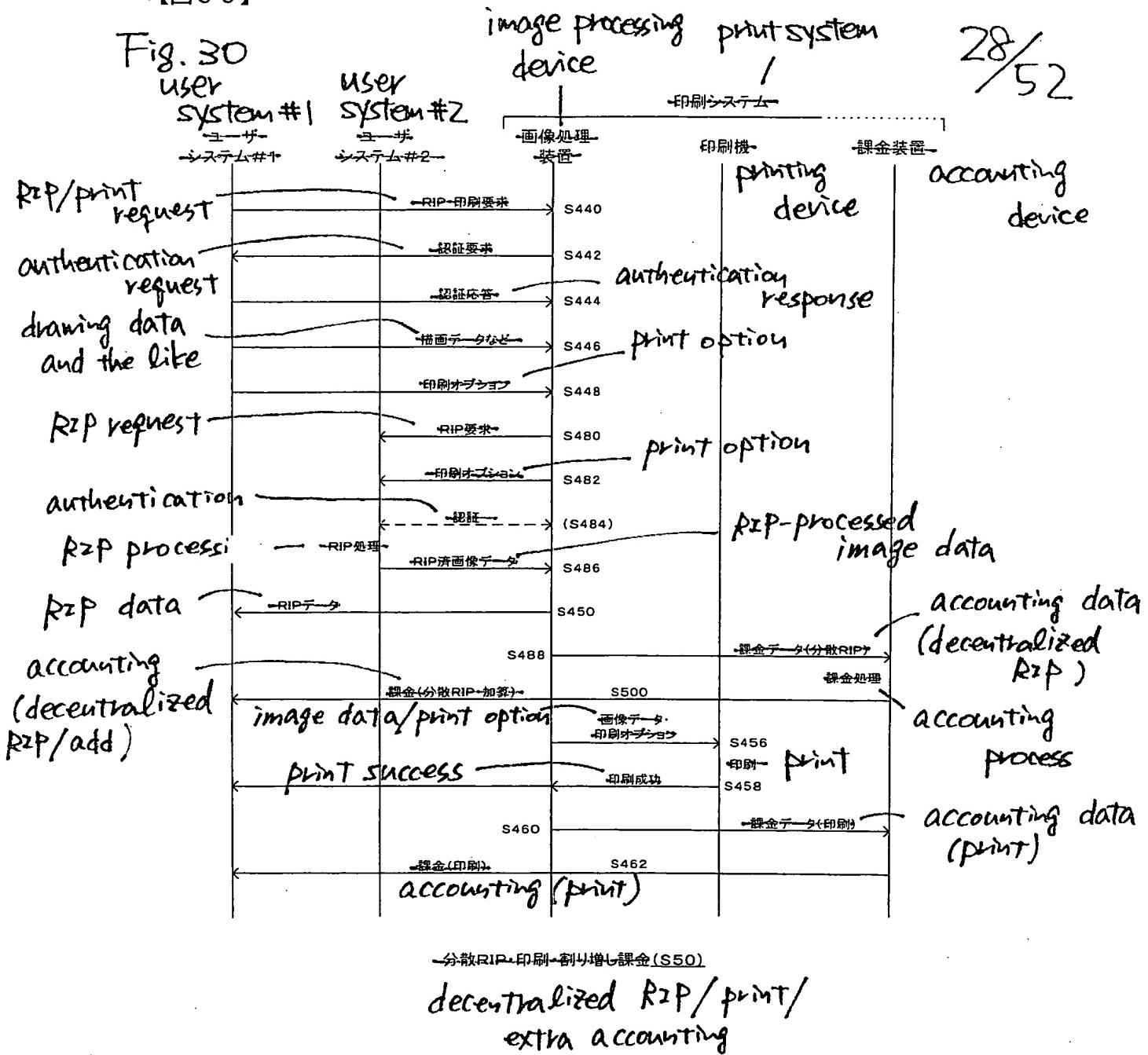
Fig. 29



分散RIP-印刷-課金 (S48)

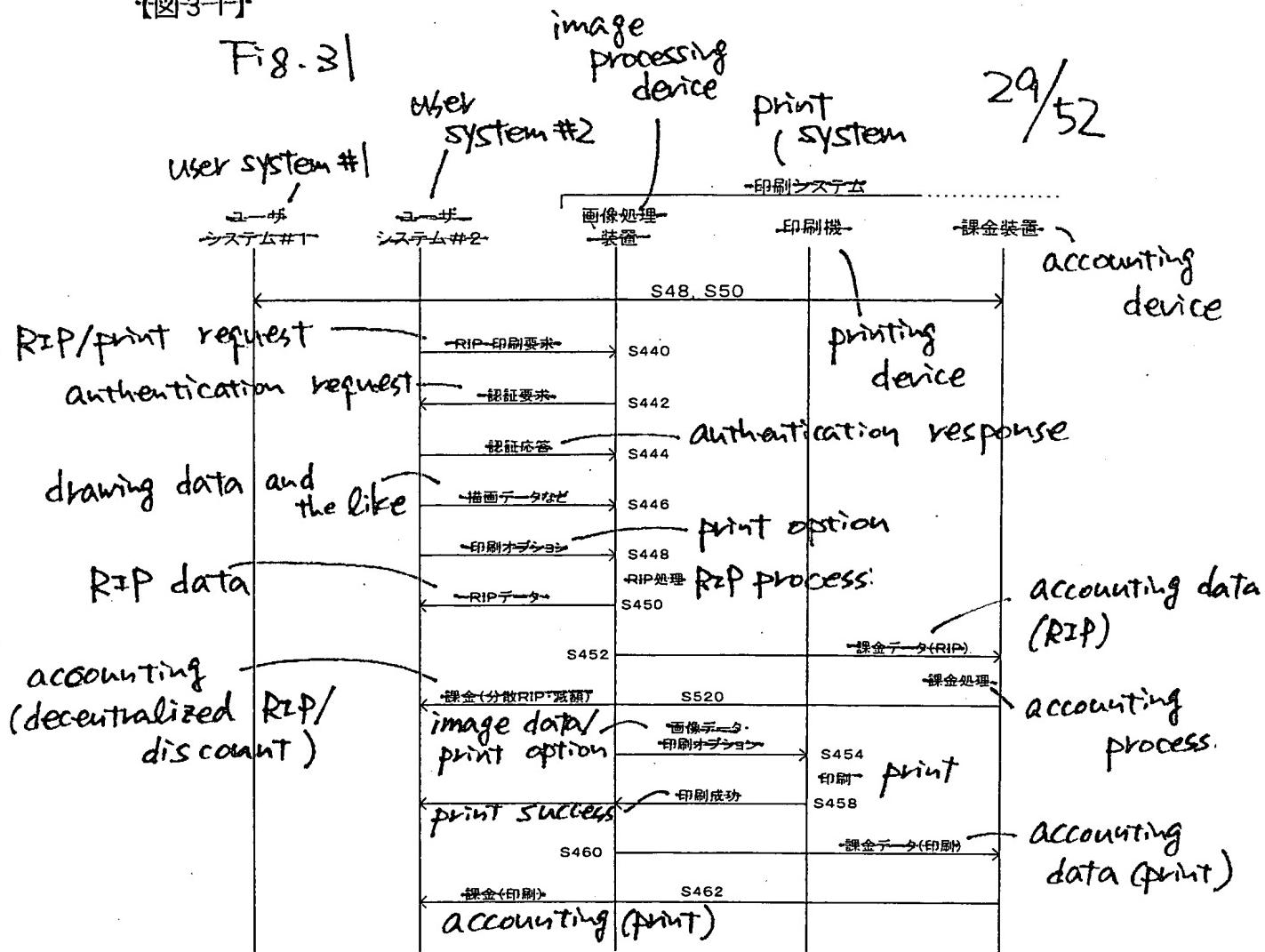
decentralized R2P/print/accounting

Fig. 30



[図3-1]

Fig. 3 |



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分散RIP-印刷-割り引き課金(S52)

decentralized RIP/print/discount

-[図3-2]-

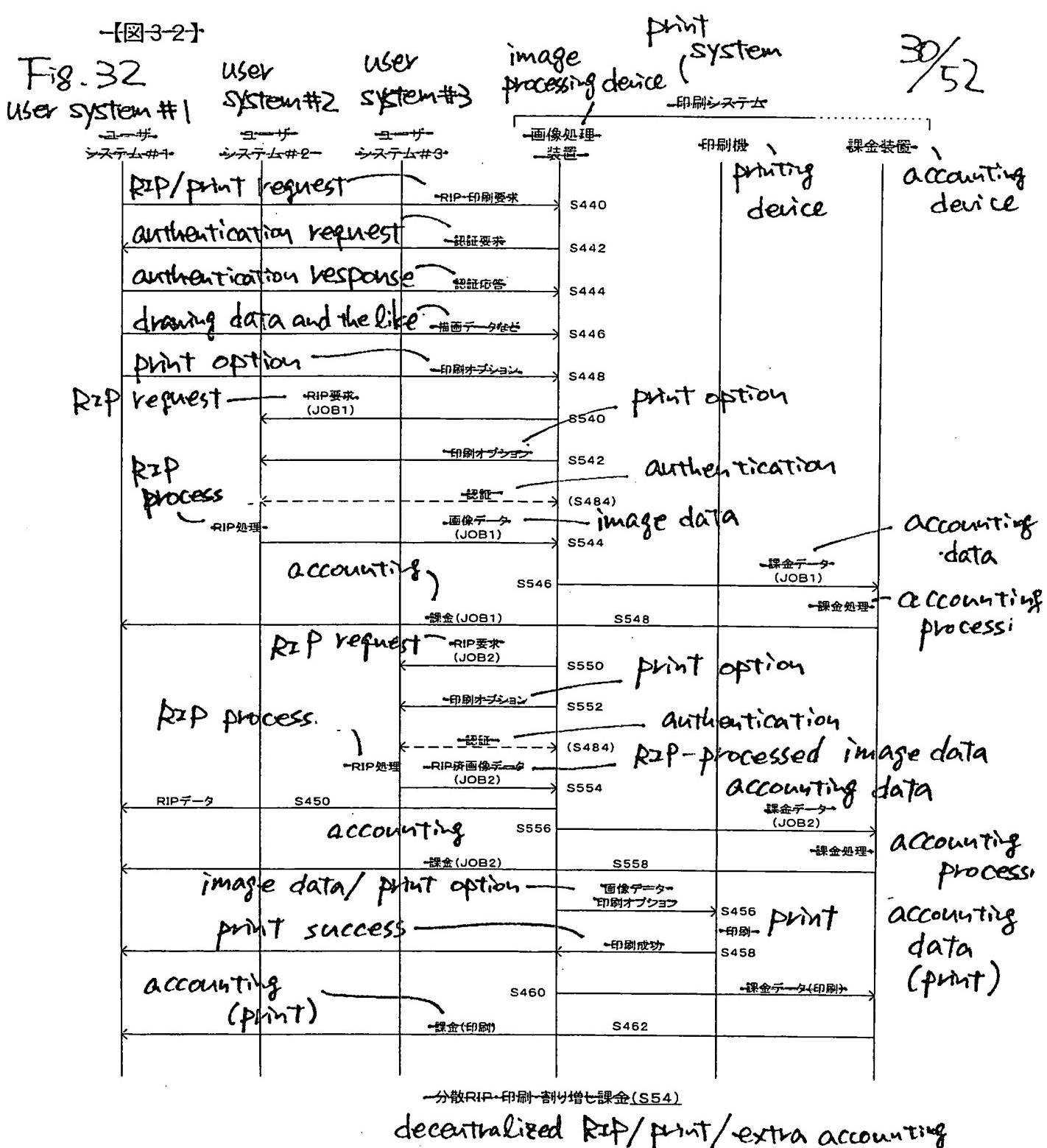


Fig. 33

user  
systemaccounting  
information

*!received decentralized RIP*

課金情報	
通常RIP	normal RIP
要求した分散RIP	requested decentralized RIP
受け入れた分散RIP	JOB-ii
印刷 print	
normal	JOB-i
要求した分散RIP	JOB-ii, JOB-iii
受け入れた分散RIP	
印刷 print	JOB-i, JOB-ii, JOB-iii
通常RIP	normal
要求した分散RIP	JOB-iii
受け入れた分散RIP	
印刷 print	

*#1*

*#2*

*#2*

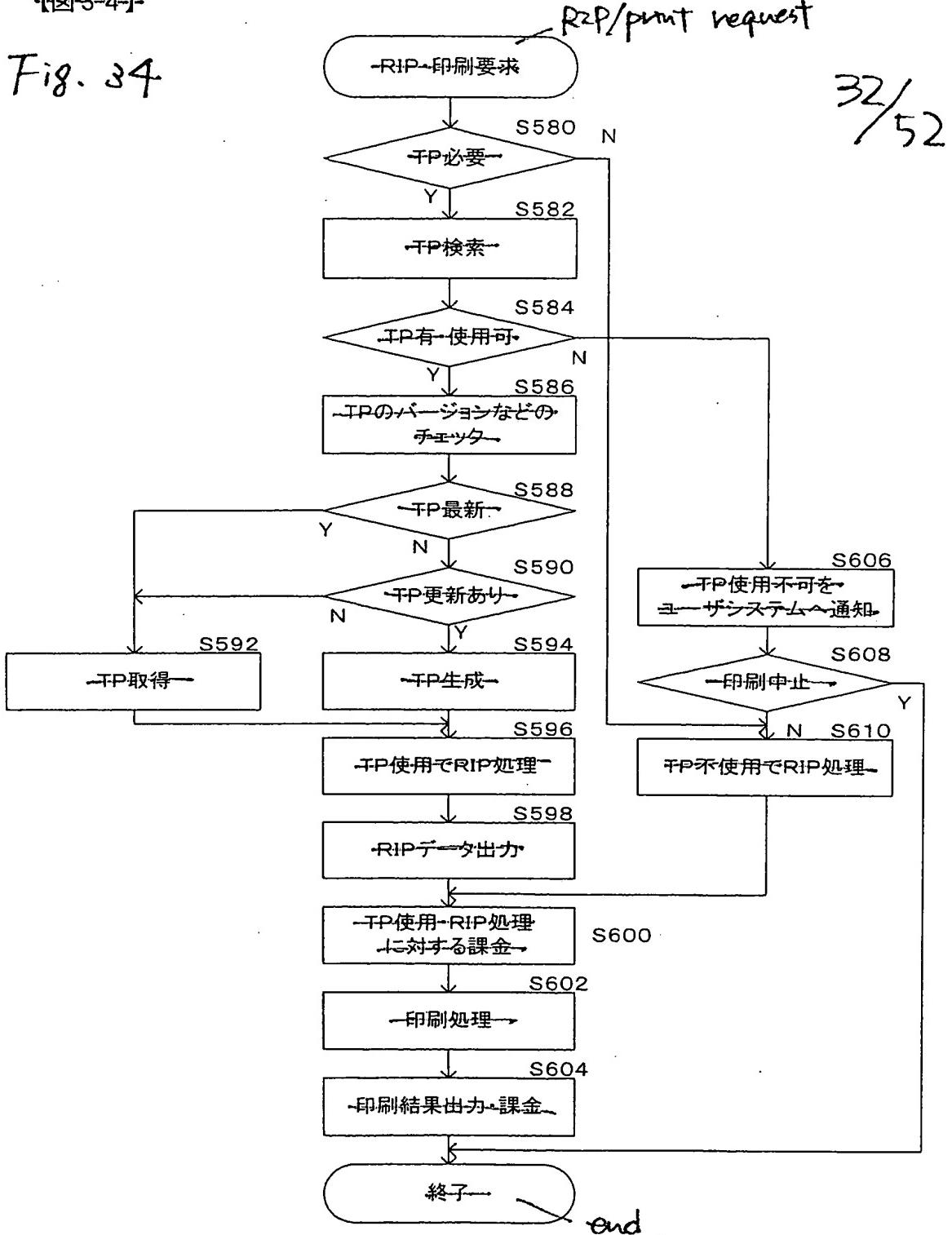
*target of extra accounting*

*割り増し 課金対象*

*target of discount.*

【図3-4】

Fig. 34

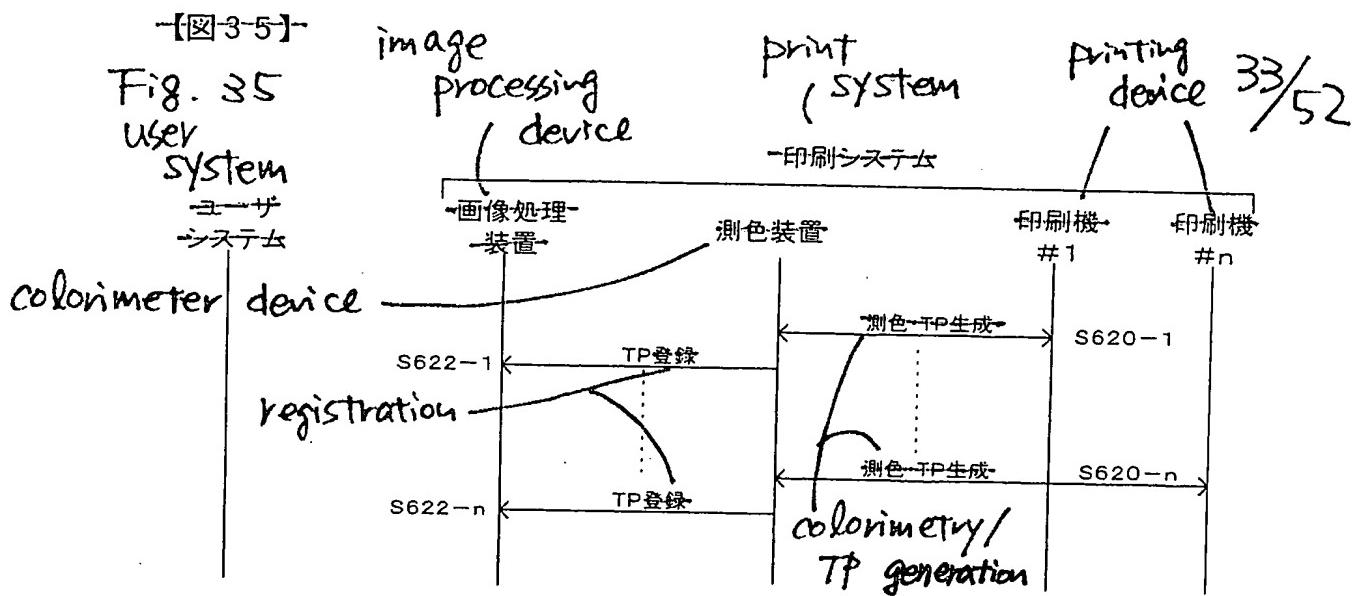


TP検索・RIP・印刷(S58)  
TP retrieval / RIP / print

Fig. 34

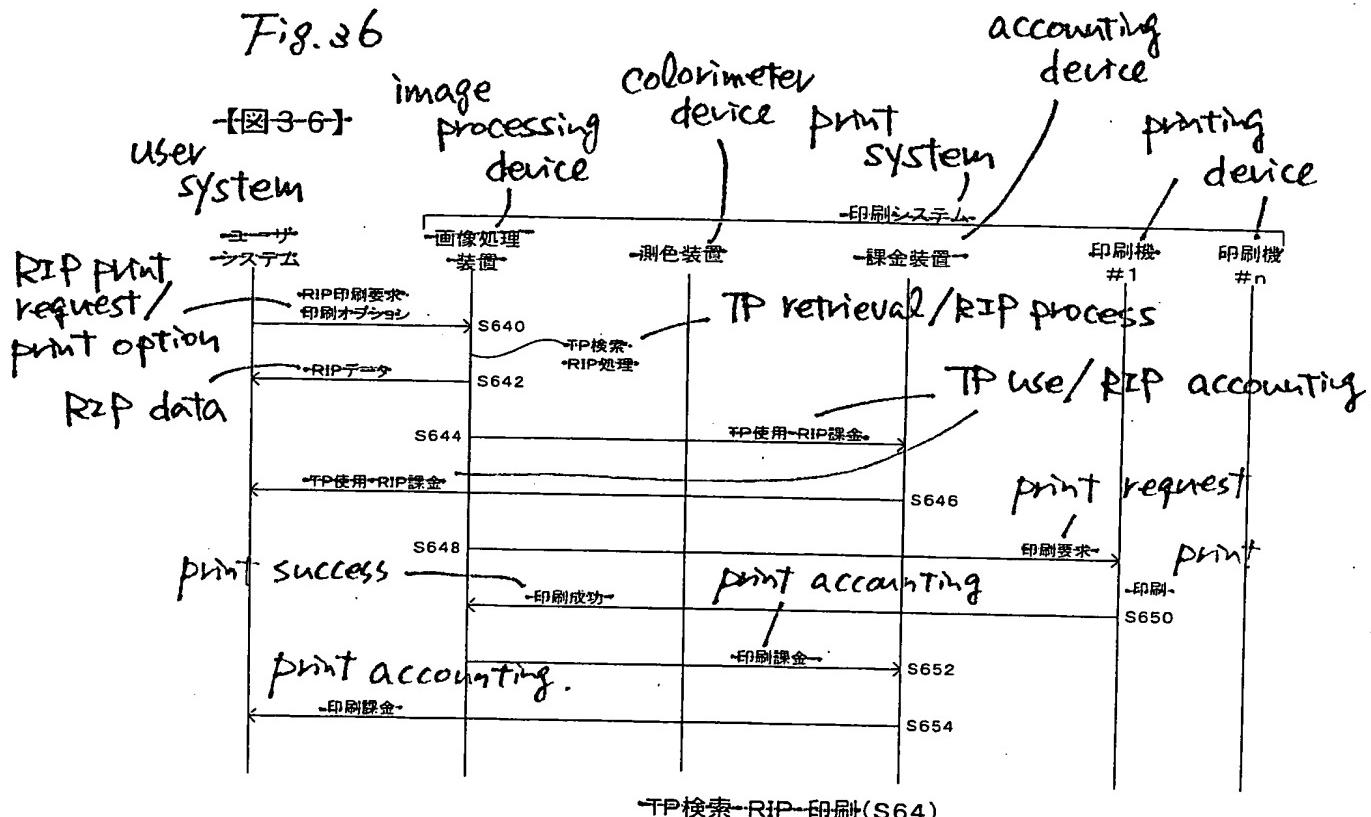
S580 TP IS NECESSARY ?  
S582 TP RETRIEVAL  
S584 TP EXISTS/IS AVAILABLE?  
S586 CHECK TP VERSION  
S588 LATEST TP ?  
S590 TP HAS BEEN UPDATED ?  
S592 TP ACQUISITION  
S594 TP GENERATION  
S596 RIP PROCESS USING TP  
S598 OUTPUT RIP DATA  
S600 ACCOUNT FOR TP USE/RIP PROCESS  
S602 PRINT PROCESS  
S604 OUTPUT PRINT RESULT/ACCOUNT  
S606 INFORM USER SYSTEM OF UNAVAILABILITY OF TP  
S608 PRINT IS TERMINATED?  
S610 RIP PROCESSsing WITHOUT TP

[図3-5]

Fig. 35  
User system

TP generation/registration

Fig. 36

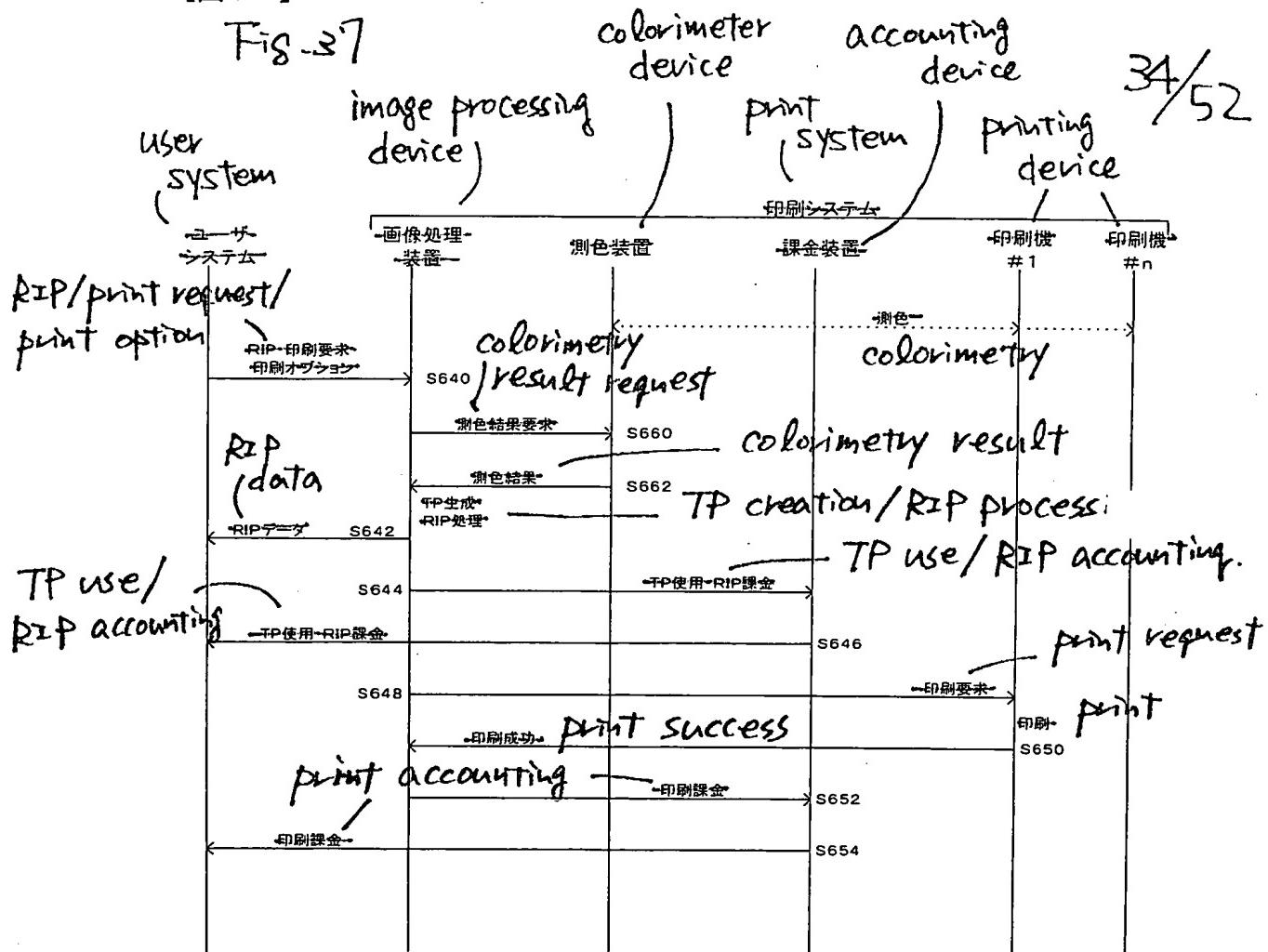


TP検索-RIP-印刷(S64)

TP retrieval / RIP / print

-[図3-7]-

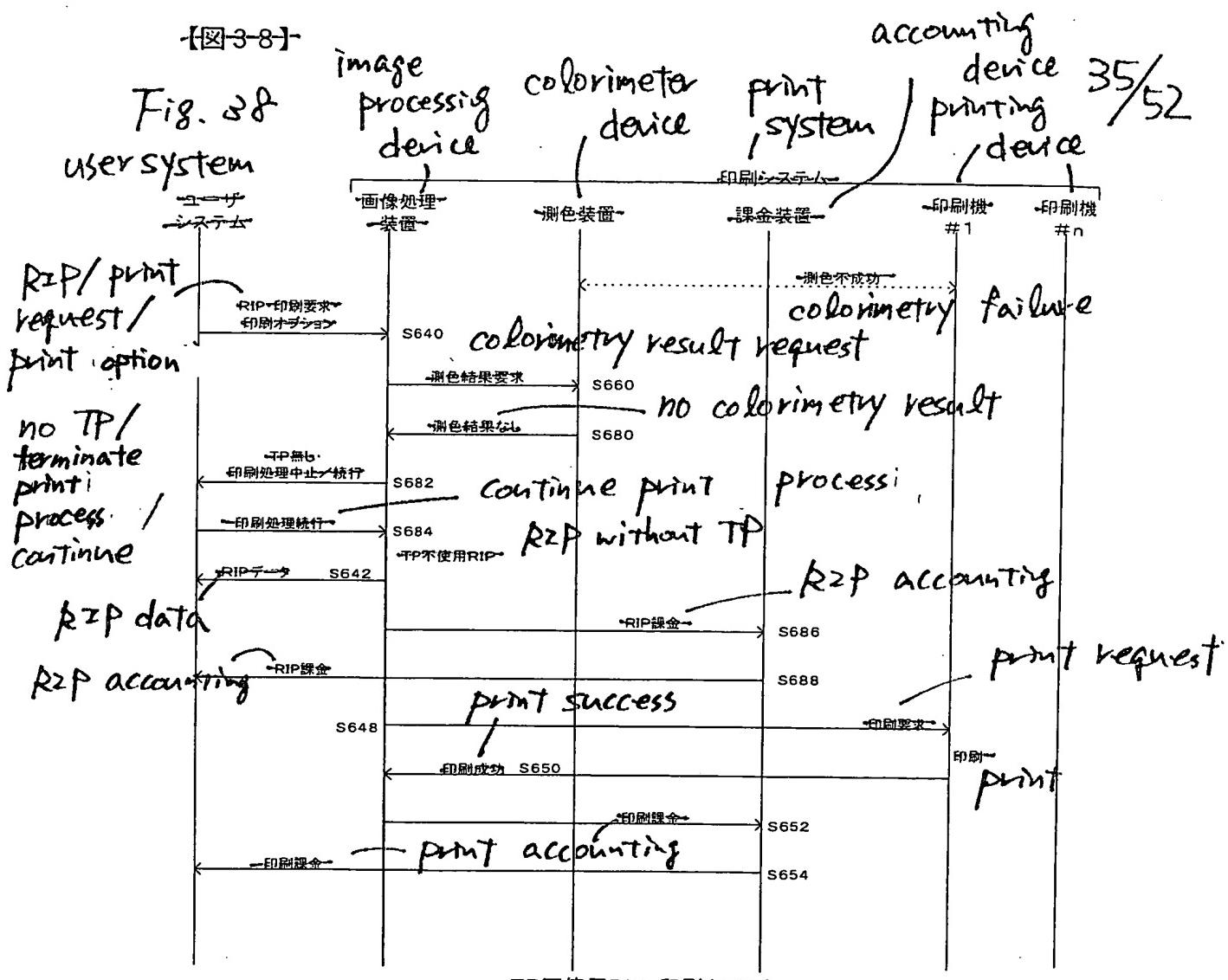
Fig. 37



## TP使用RIP+印刷(S66)

~~R<sup>2</sup>P~~ (with TP / print)

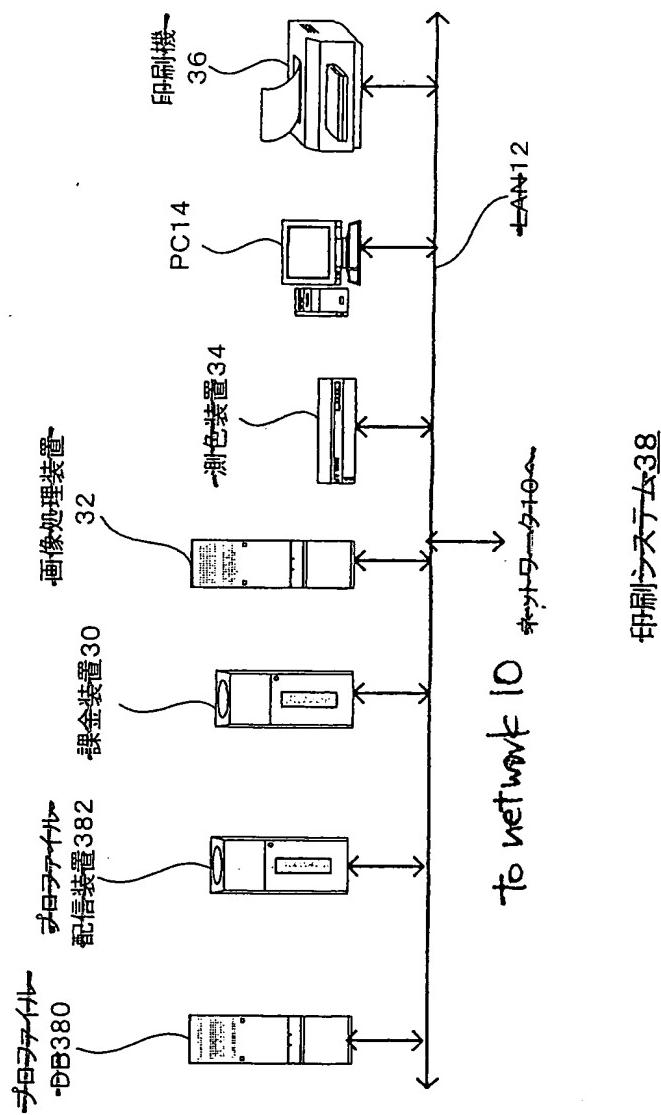
[図3-8]



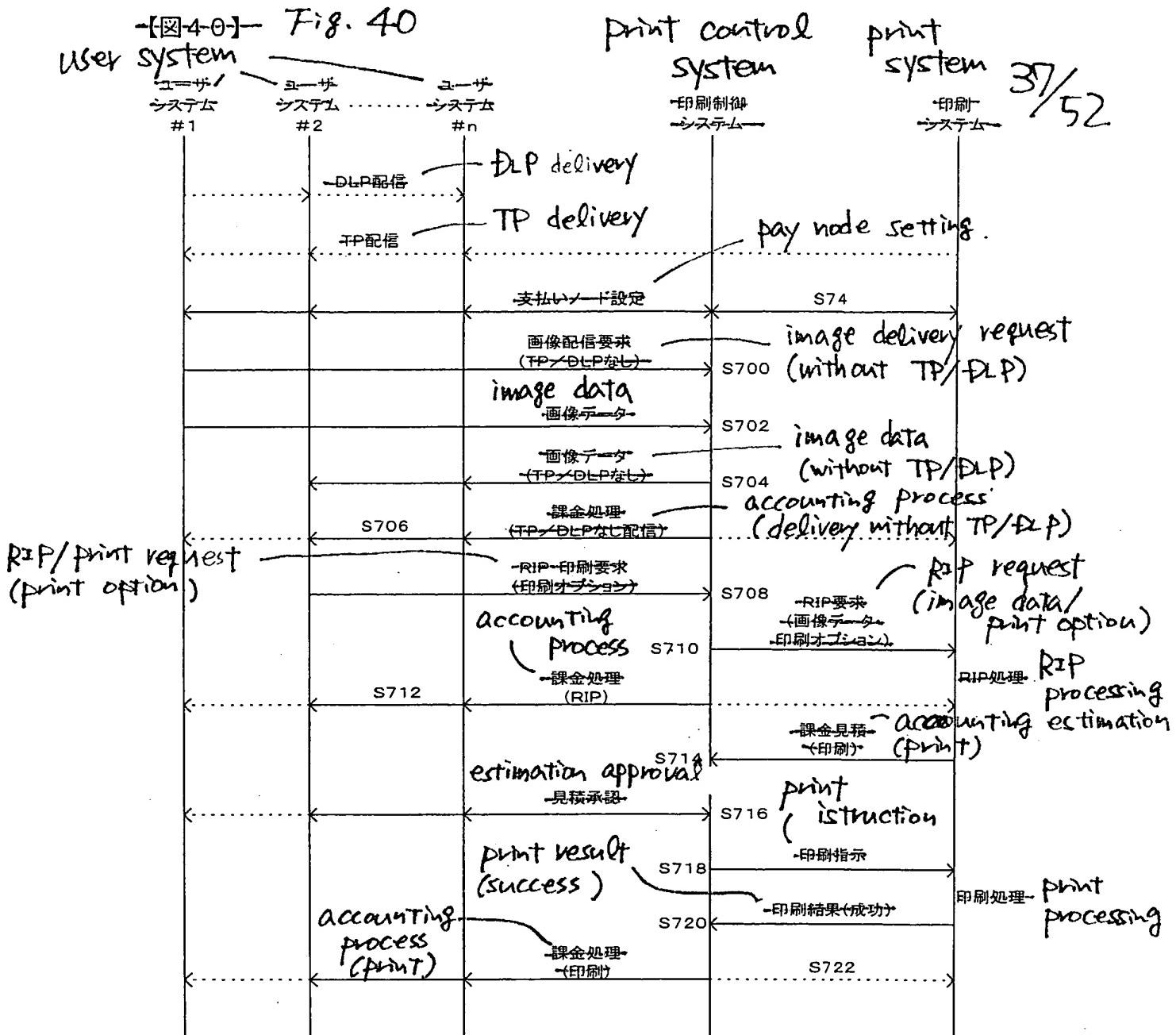
【図3-9】

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Fig. 39

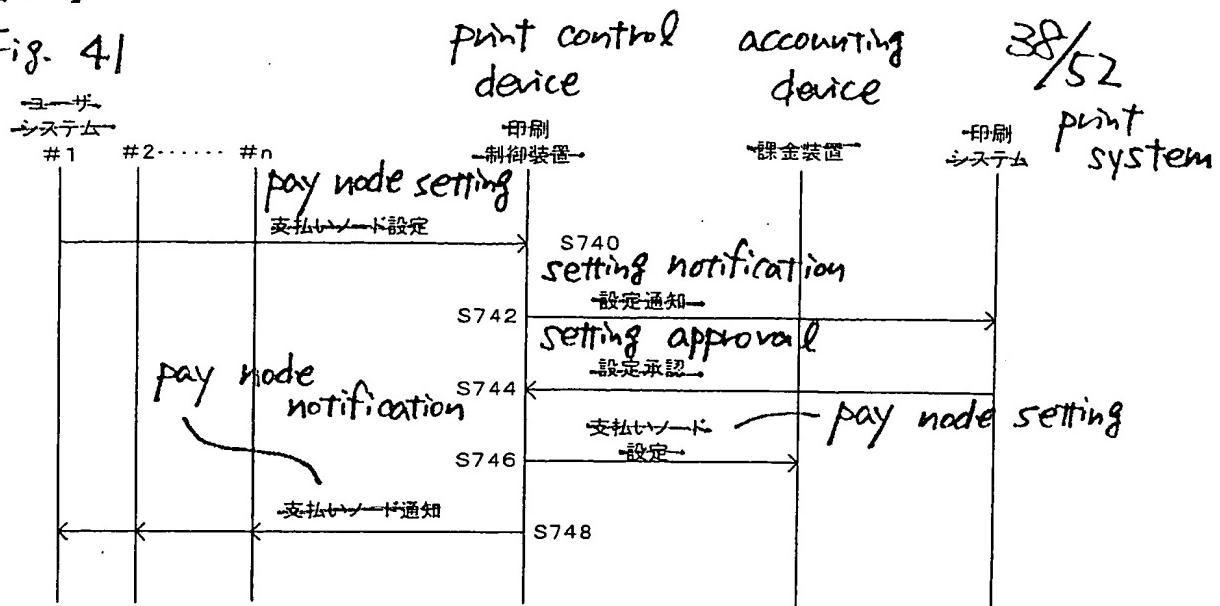


-[図4-0]- Fig. 40



-[図4-1]-

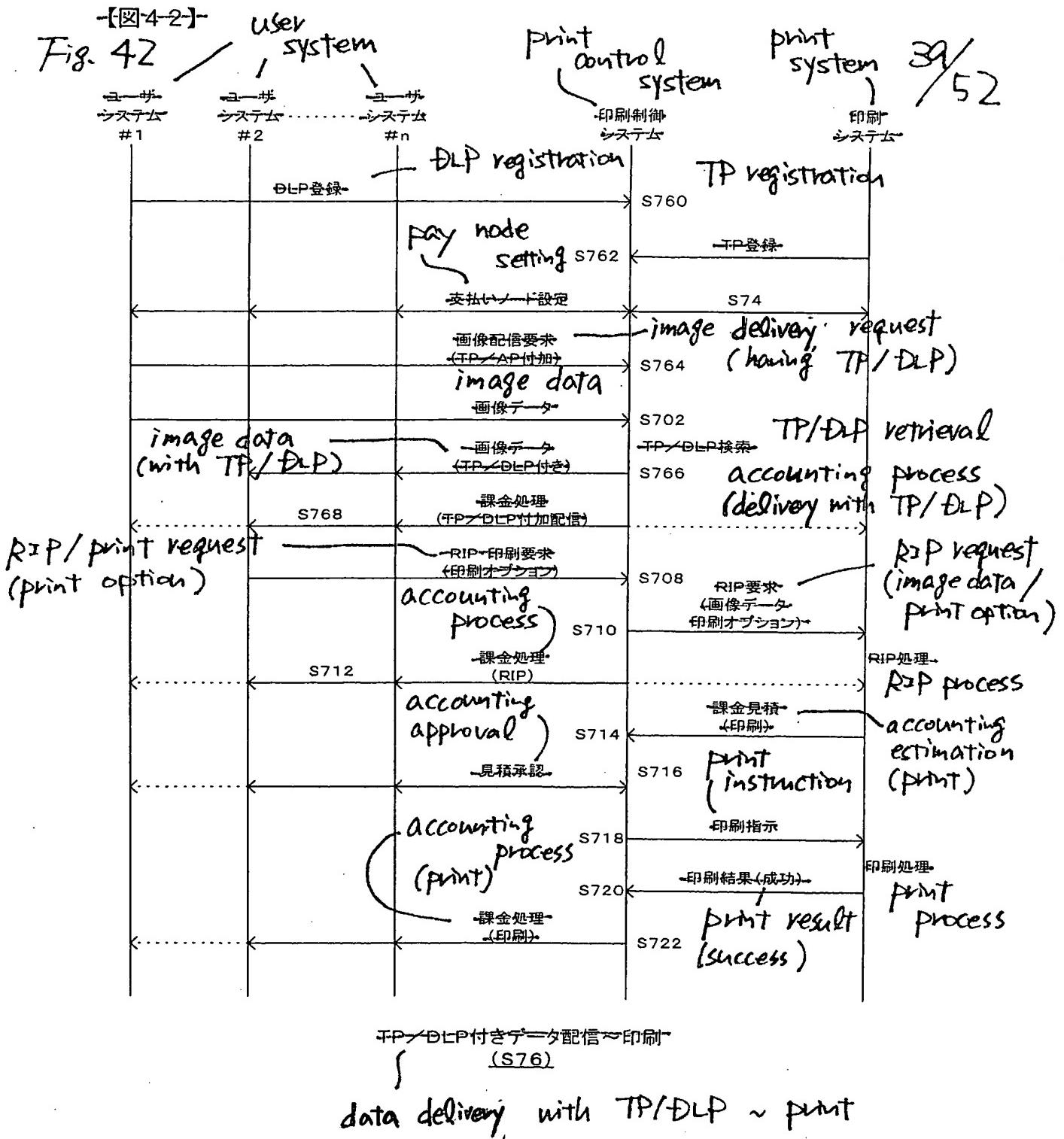
Fig. 41

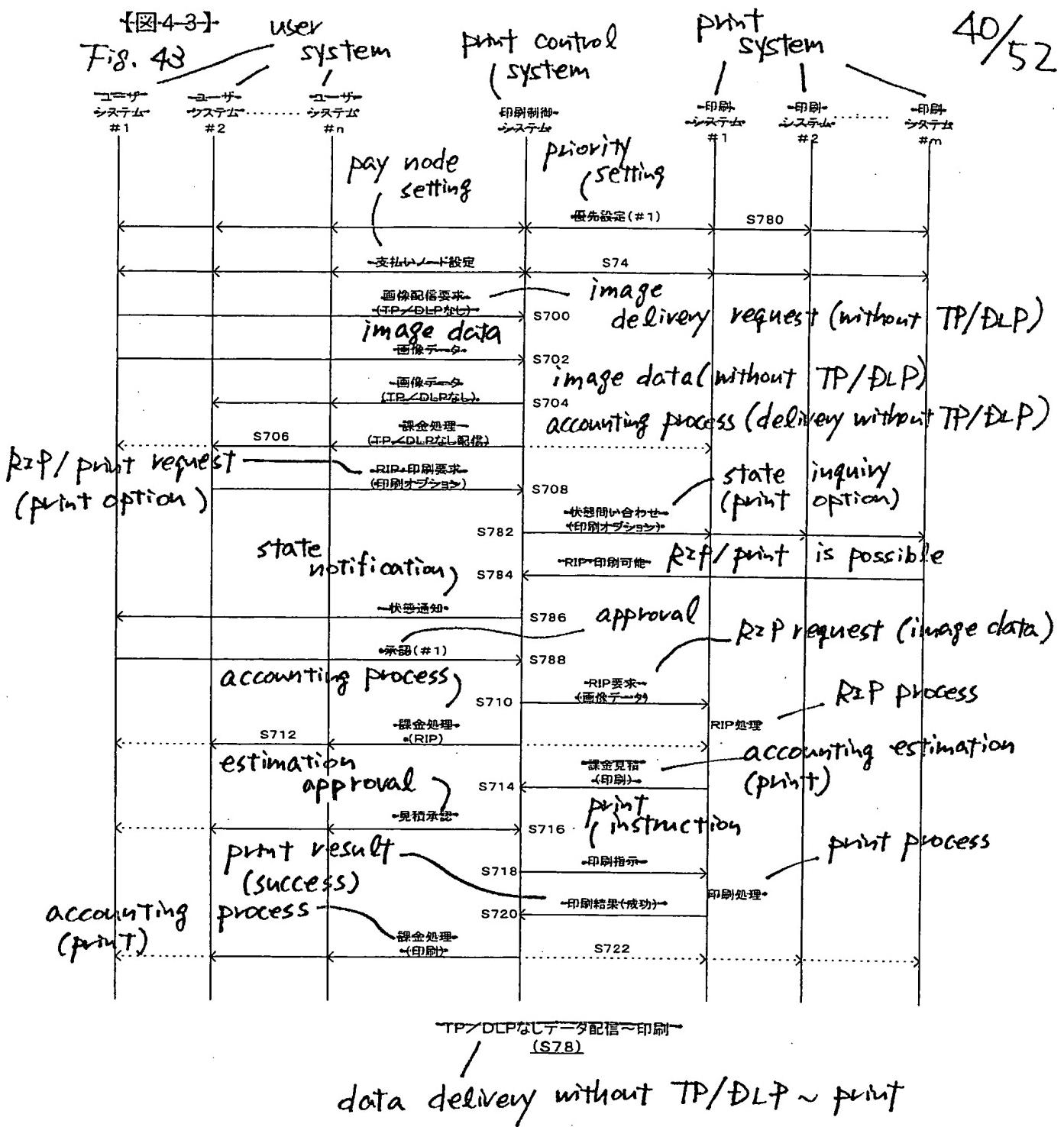


支払いノード設定(S74)  
pay node setting.

-[図4-2]-

Fig. 42

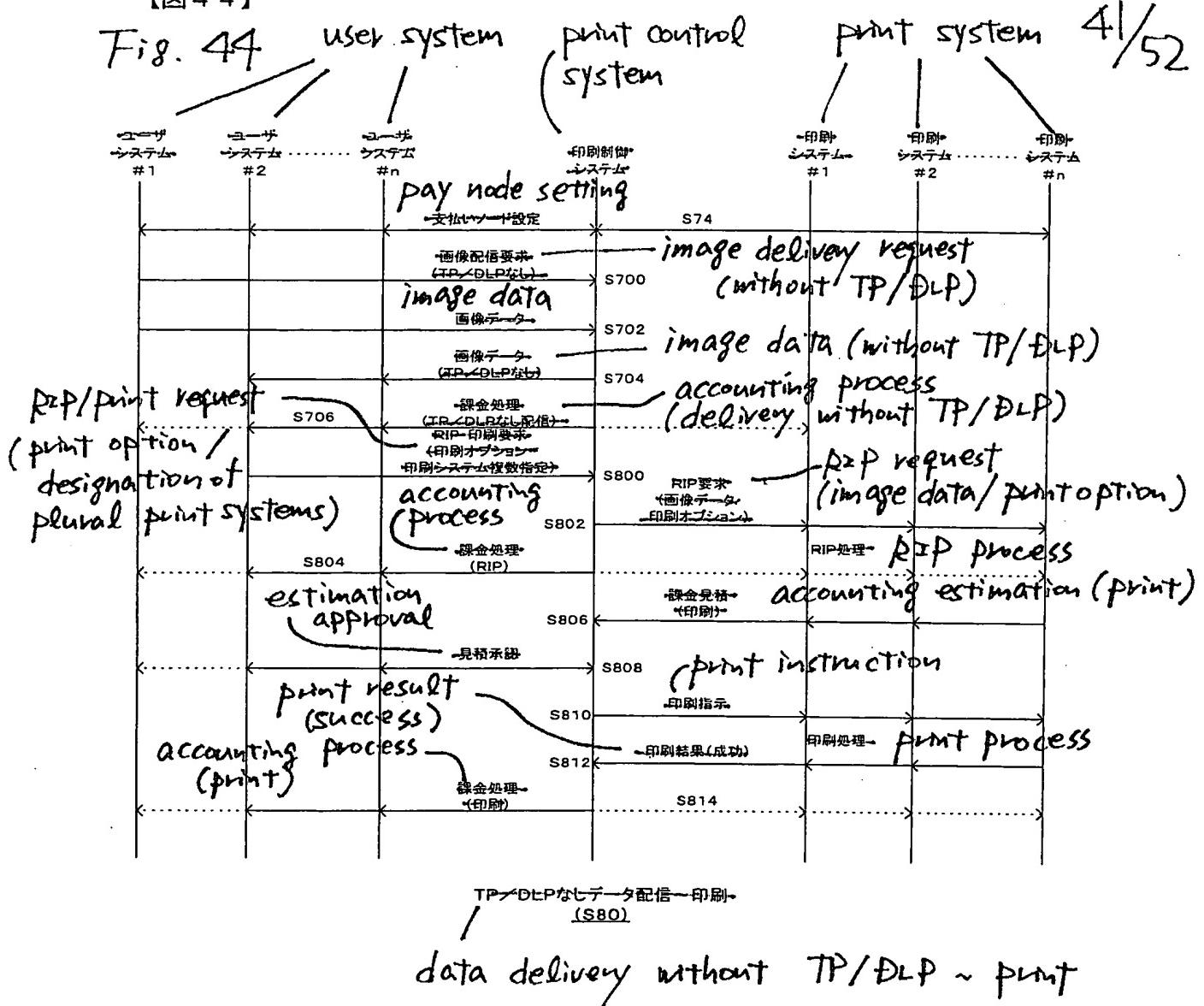




[図4-4]

Fig. 44

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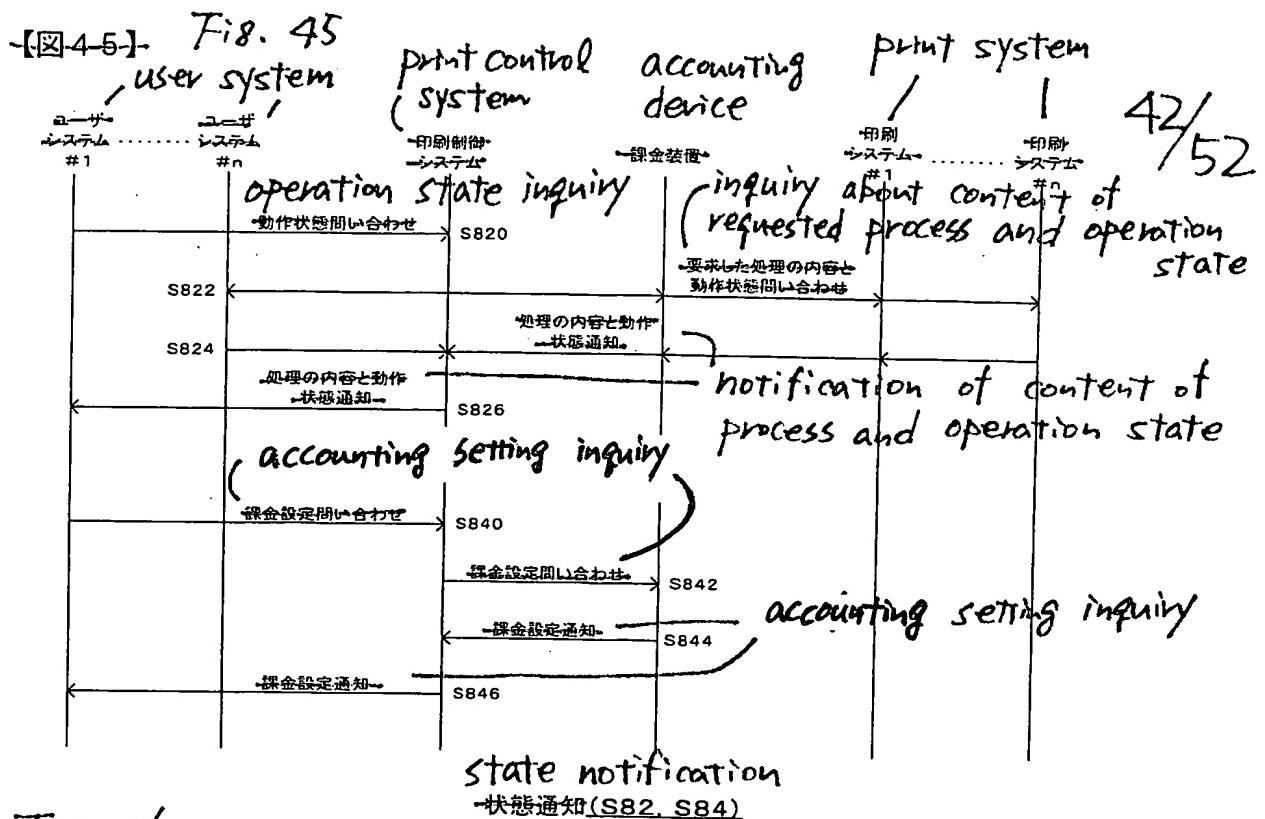
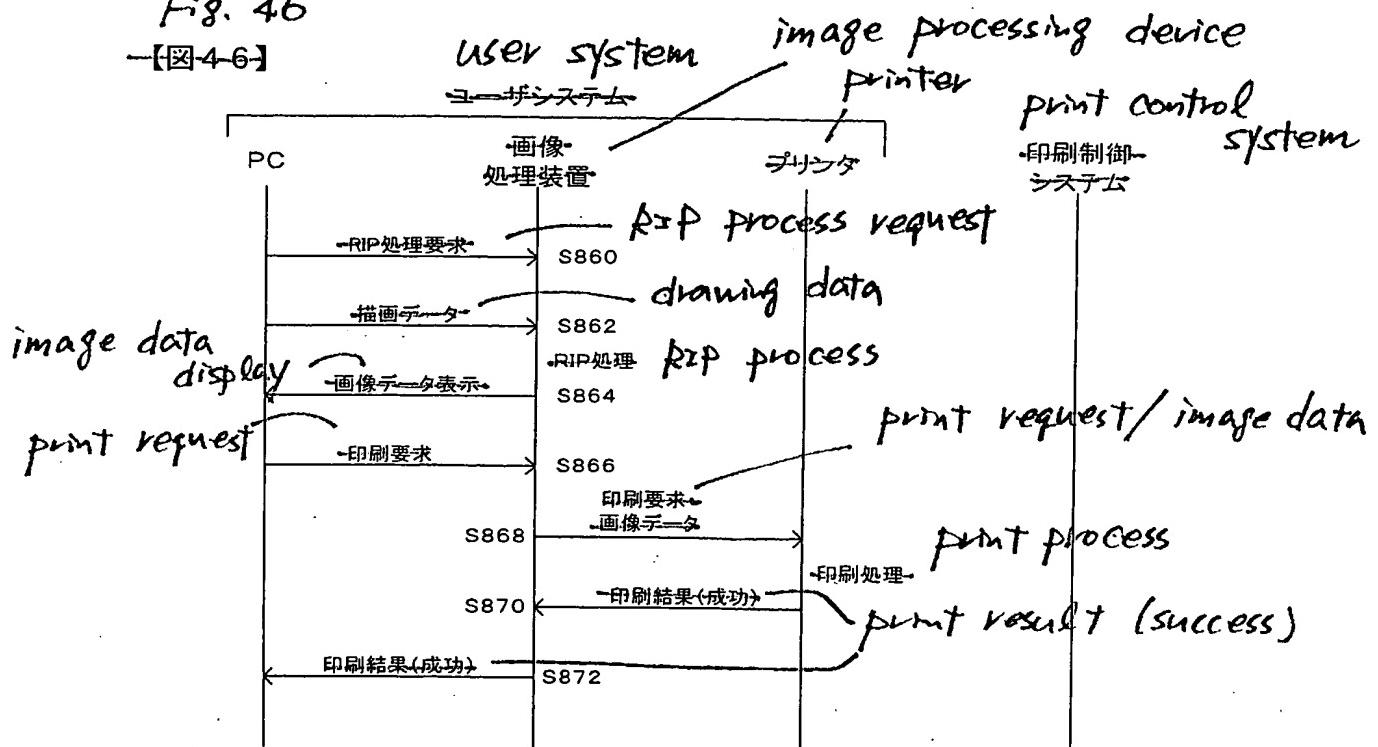


Fig. 46

—[图4-6]

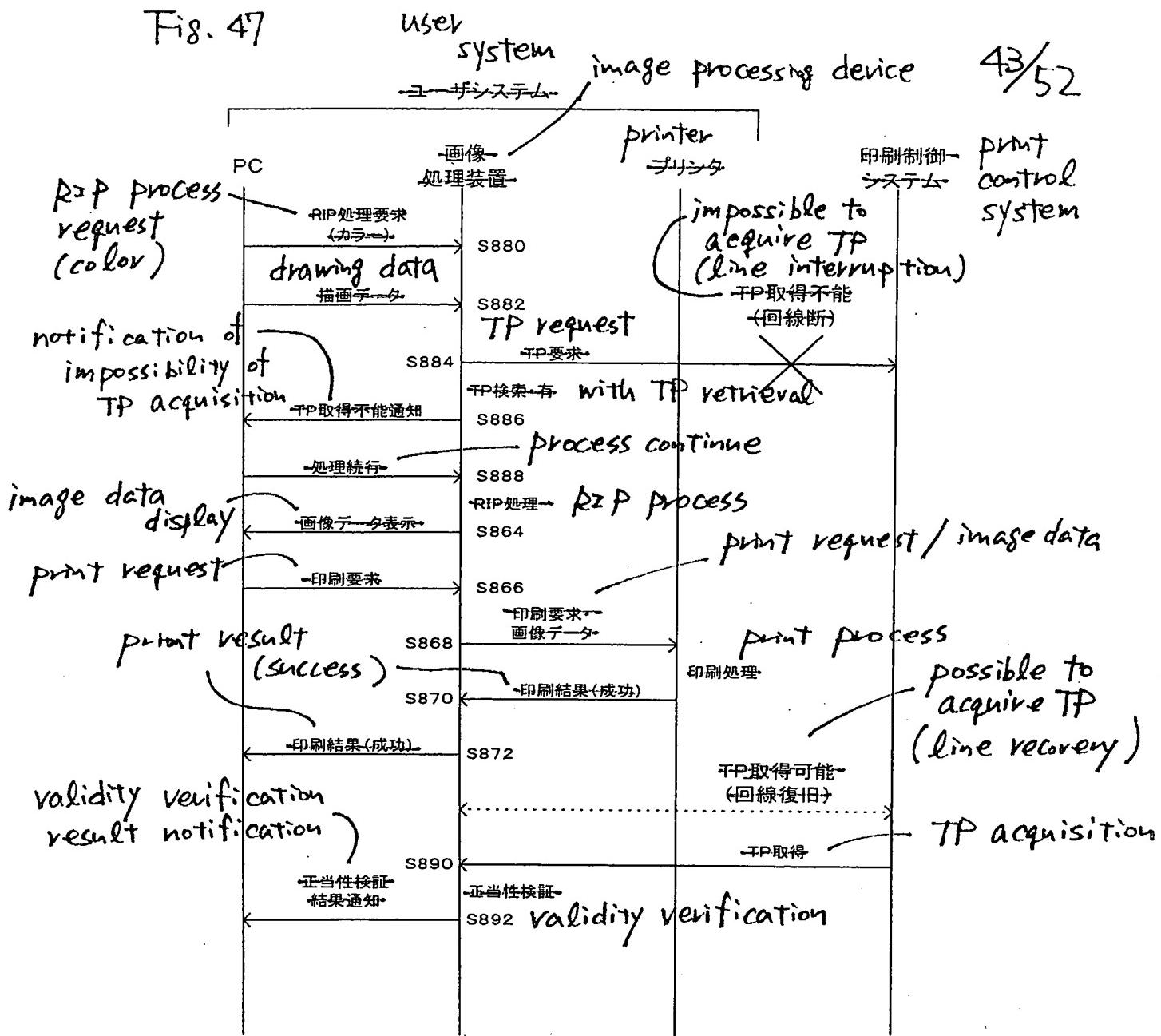


色補正要求がない  
-RIP-印刷処理(S86)

R<sup>2</sup>P/print process without  
color correction request.

[図4-7]

Fig. 47

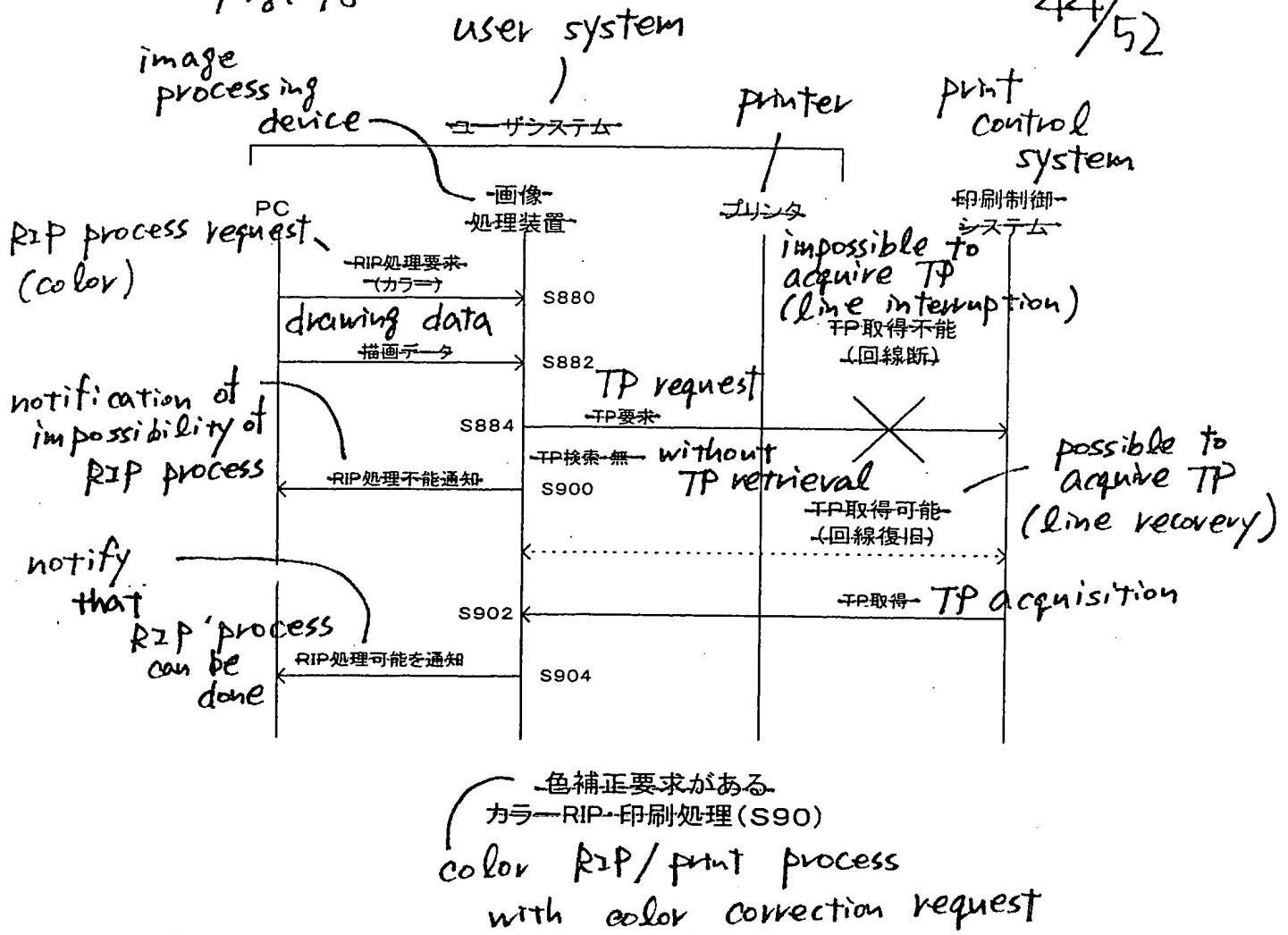


RIP/print process with color correction request

-[図-4-8]-

Fig. 48

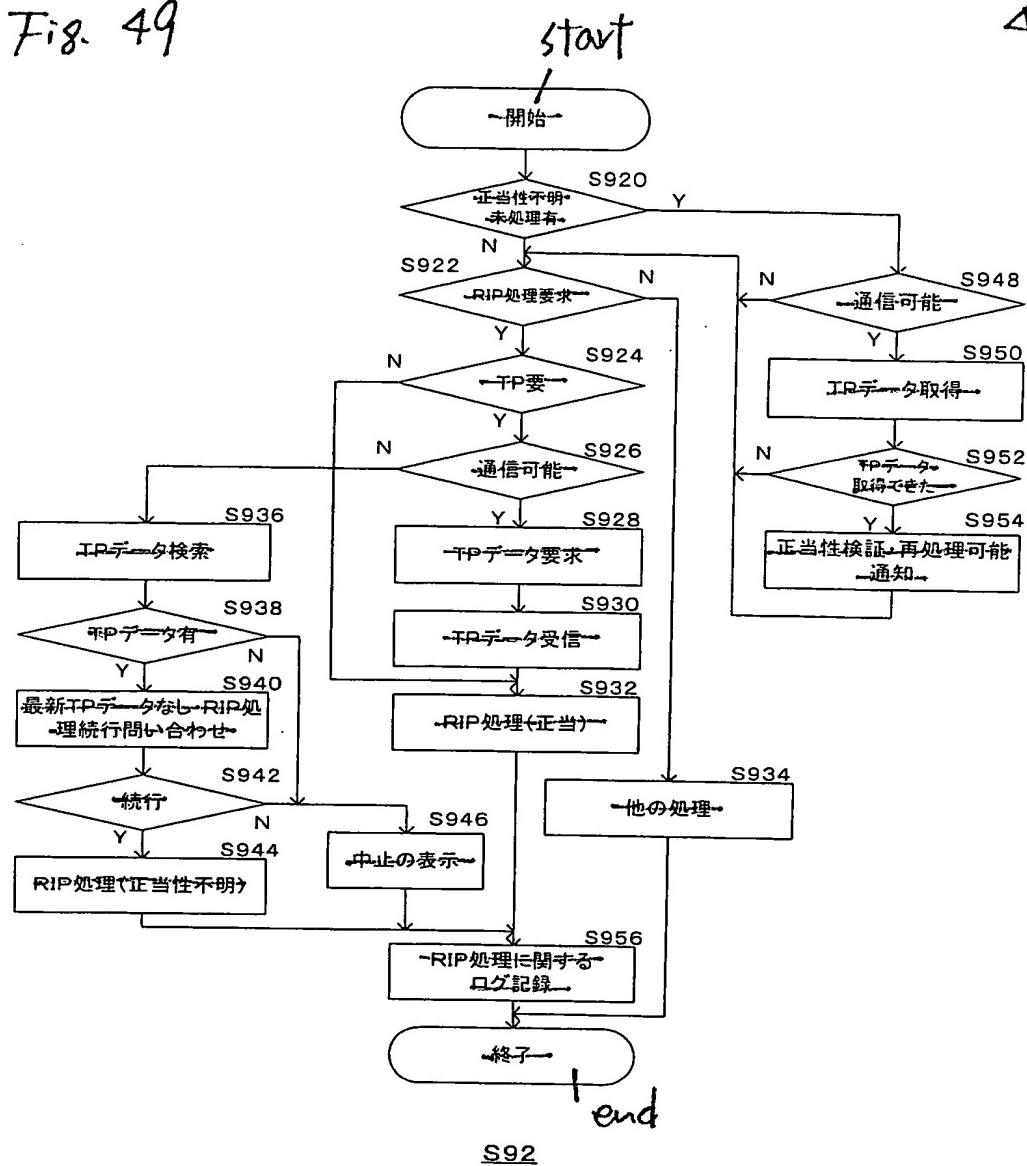
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【図4-9】

Fig. 49

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S92

Fig. 49

S920 VALIDITY IS UNKNOWN / THERE IS UNPROCESSED?

S922 RIP PROCESS IS REQUESTED?

S924 TP IS NECESSARY?

S926 COMMUNICATABLE?

S928 REQUEST TP DATA

S930 RECEIVE TP DATA

S932 RIP PROCESS (VALID)

S934 OTHER PROCESSES

S936 RETRIEVE TP DATA

S938 TP DATA EXISTS?

S940 THERE ISN'T LATEST TP DATA/ INQUIRE CONTINUATION OF RIP  
PROCESS

S942 CONTINUE?

S944 RIP PROCESS (VALIDITY UNKNOWN)

S946 DISPLAY TERMINATION

S948 COMMUNICATABLE?

S950 ACQUIRE TP DATA

S952 TP DATA IS ACQUIRED?

S954 VERIFY VALIDITY / NOTIFY RE-PROCESSABLE

S956 RECORD LOG ON RIP PROCESS

【図5-0】

Fig.50

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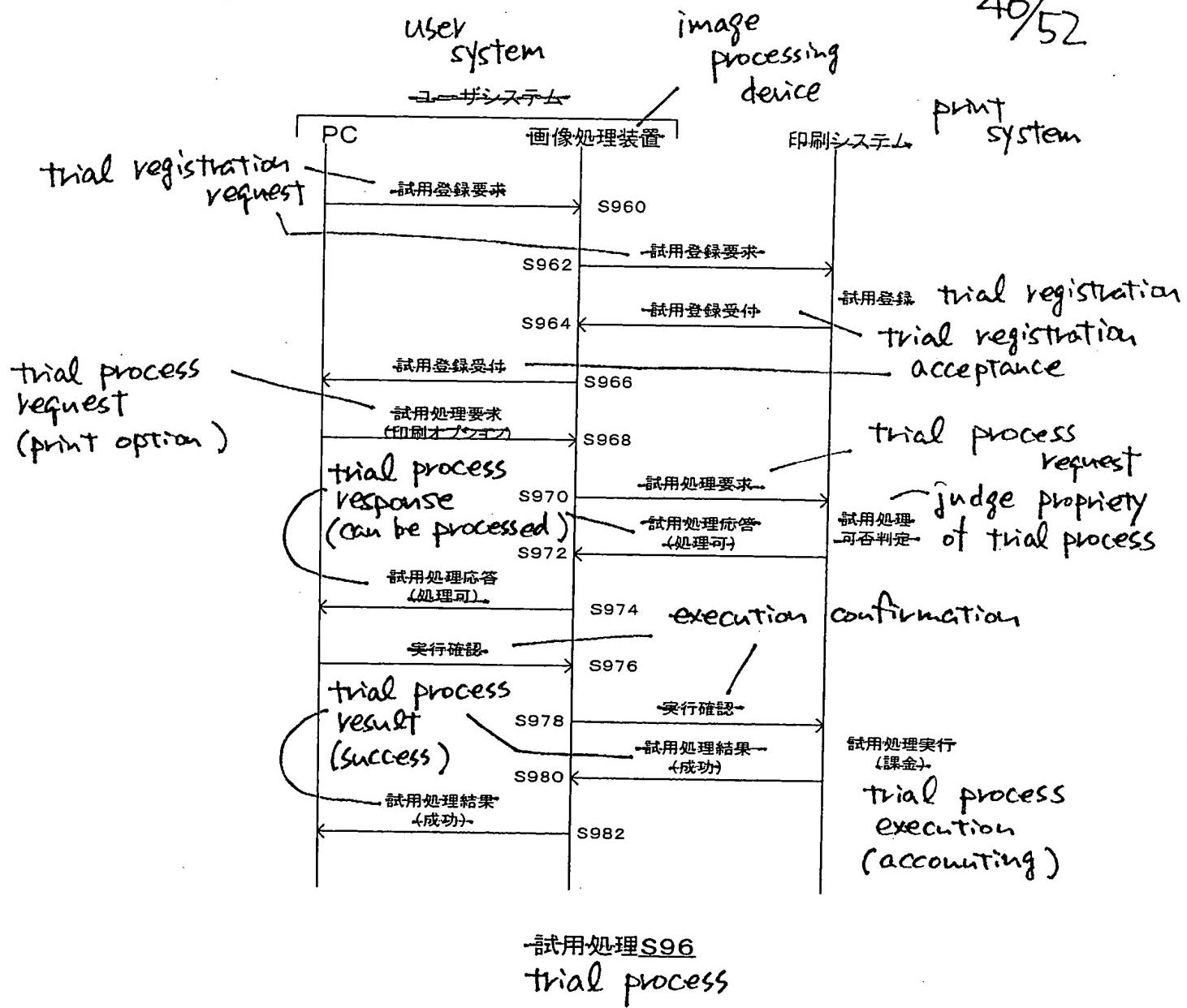
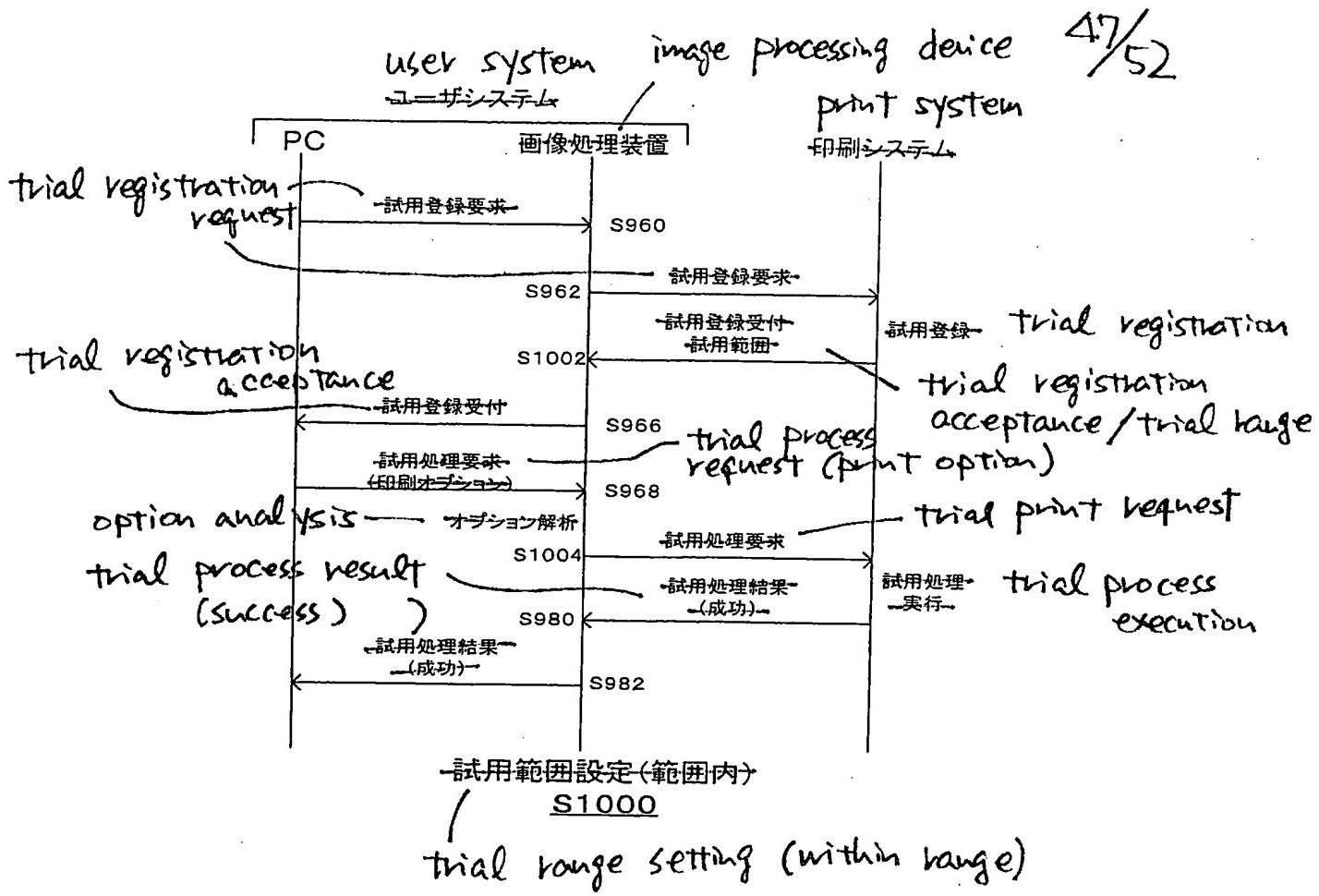
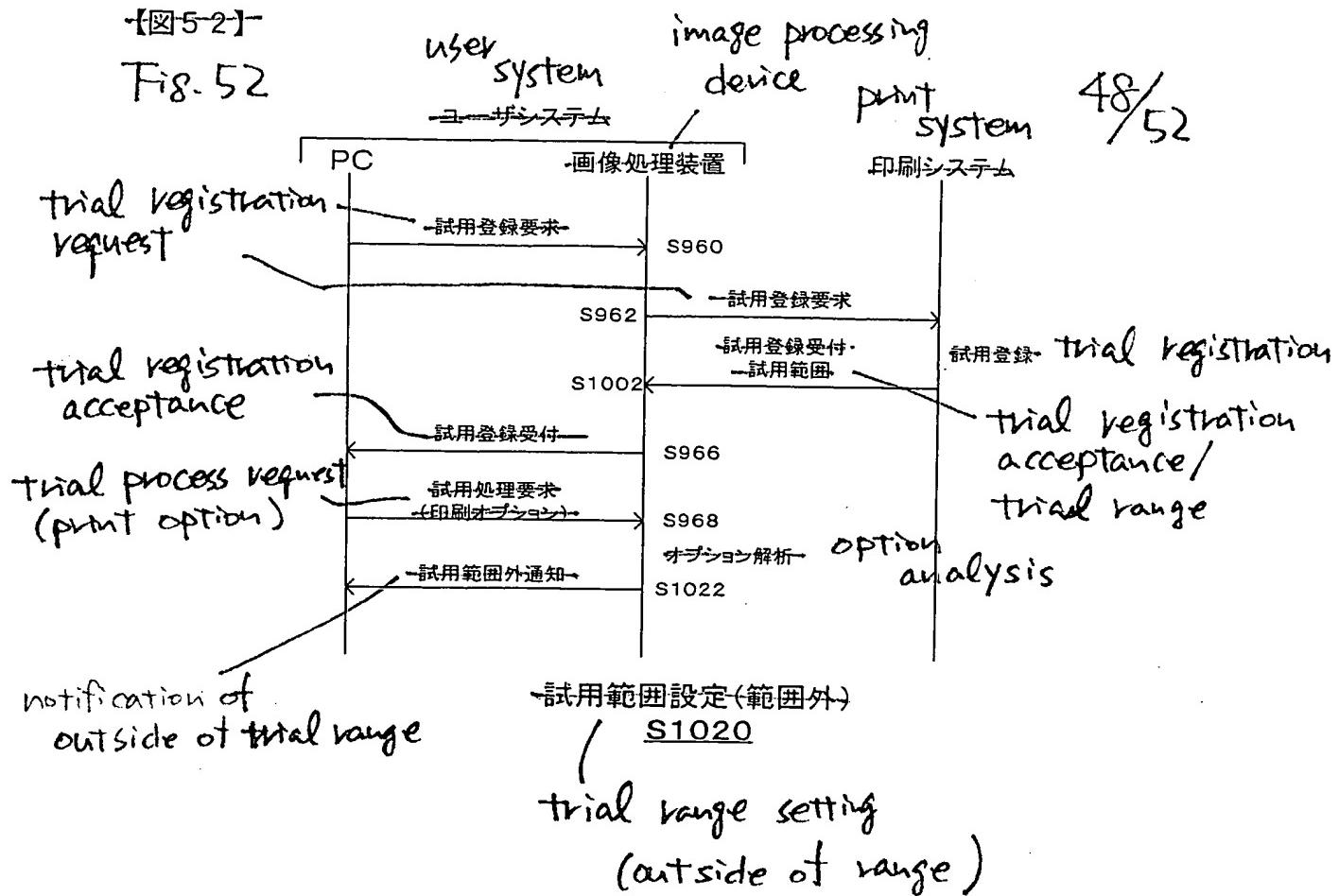


Fig. 51



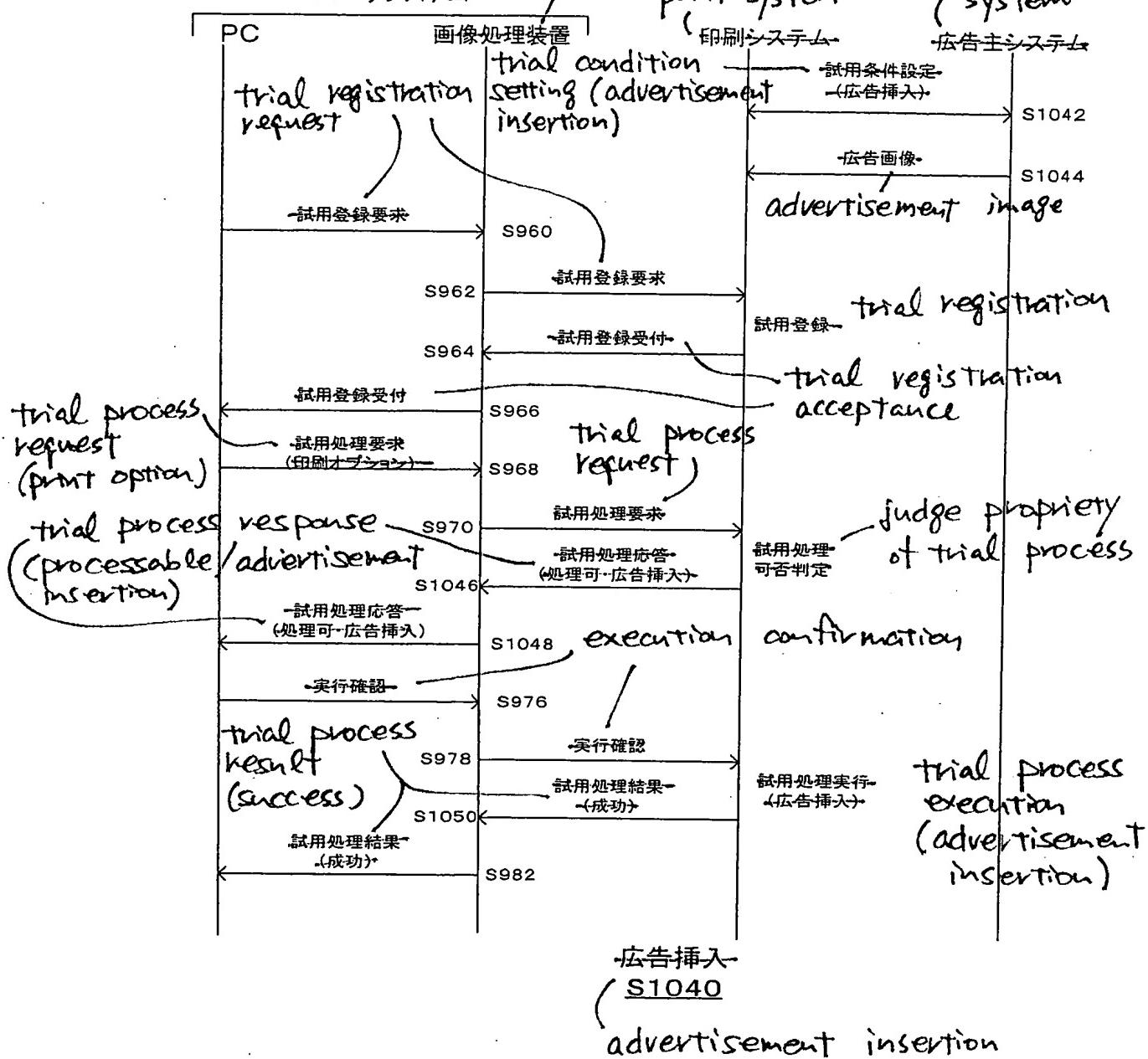
[図5-2]

Fig. 5.2



[図5-3]

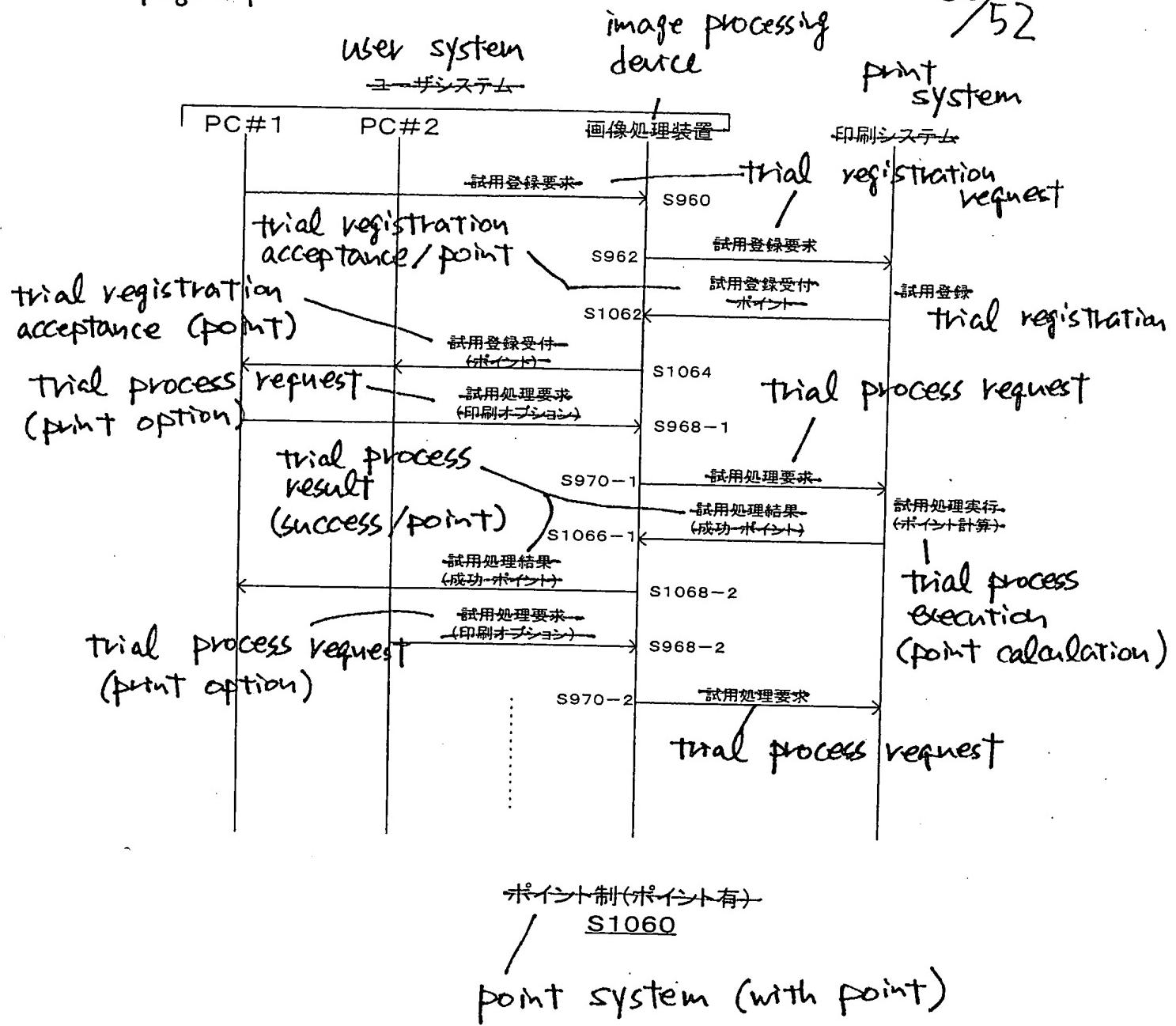
Fig. 53 user system image processing device  
 ユーザシステム / print system / advertiser system 49/52



-【図5-4】-

Fig. 54

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[図5-5]

Fig. 55

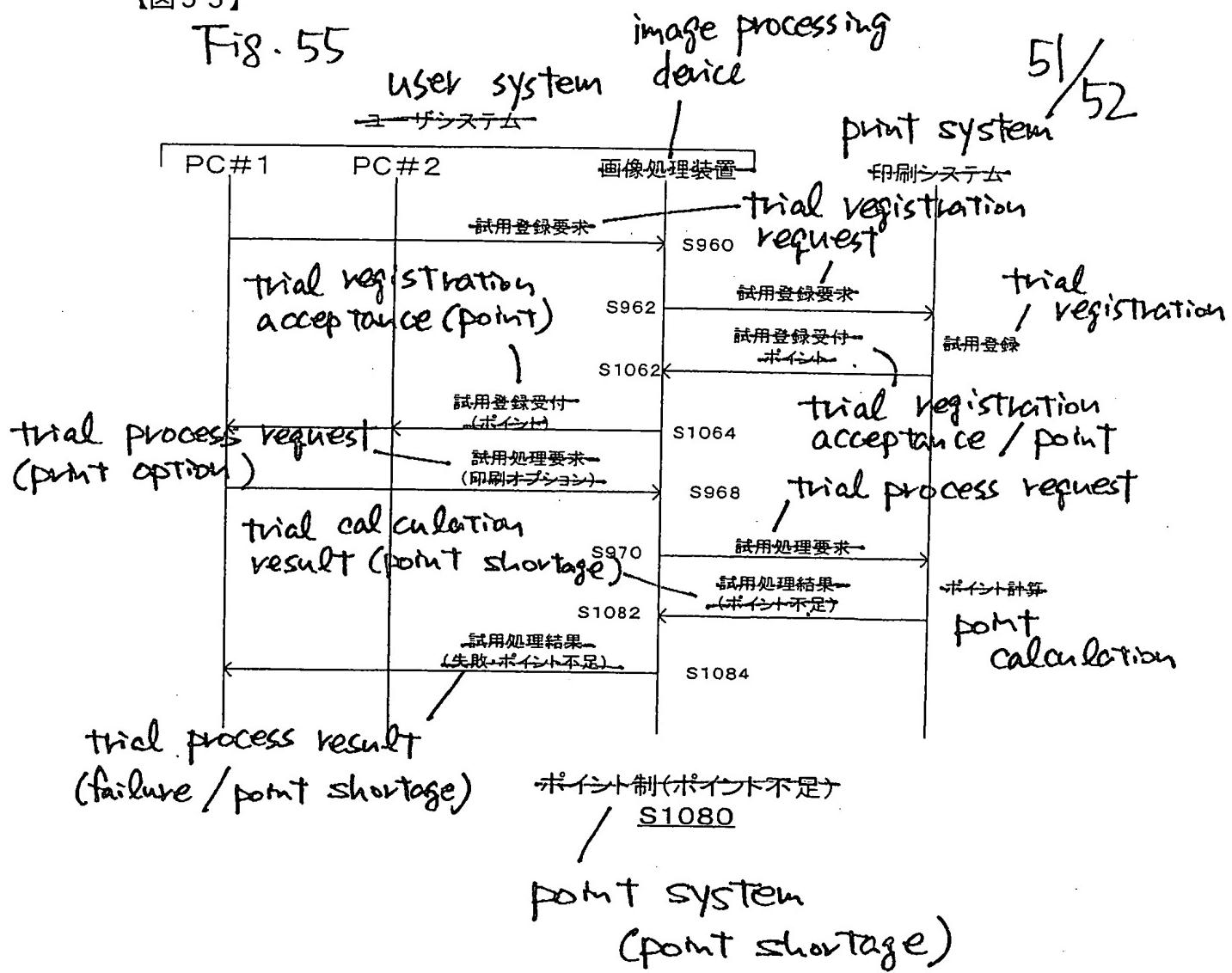


Fig. 56

